

books

NH

501

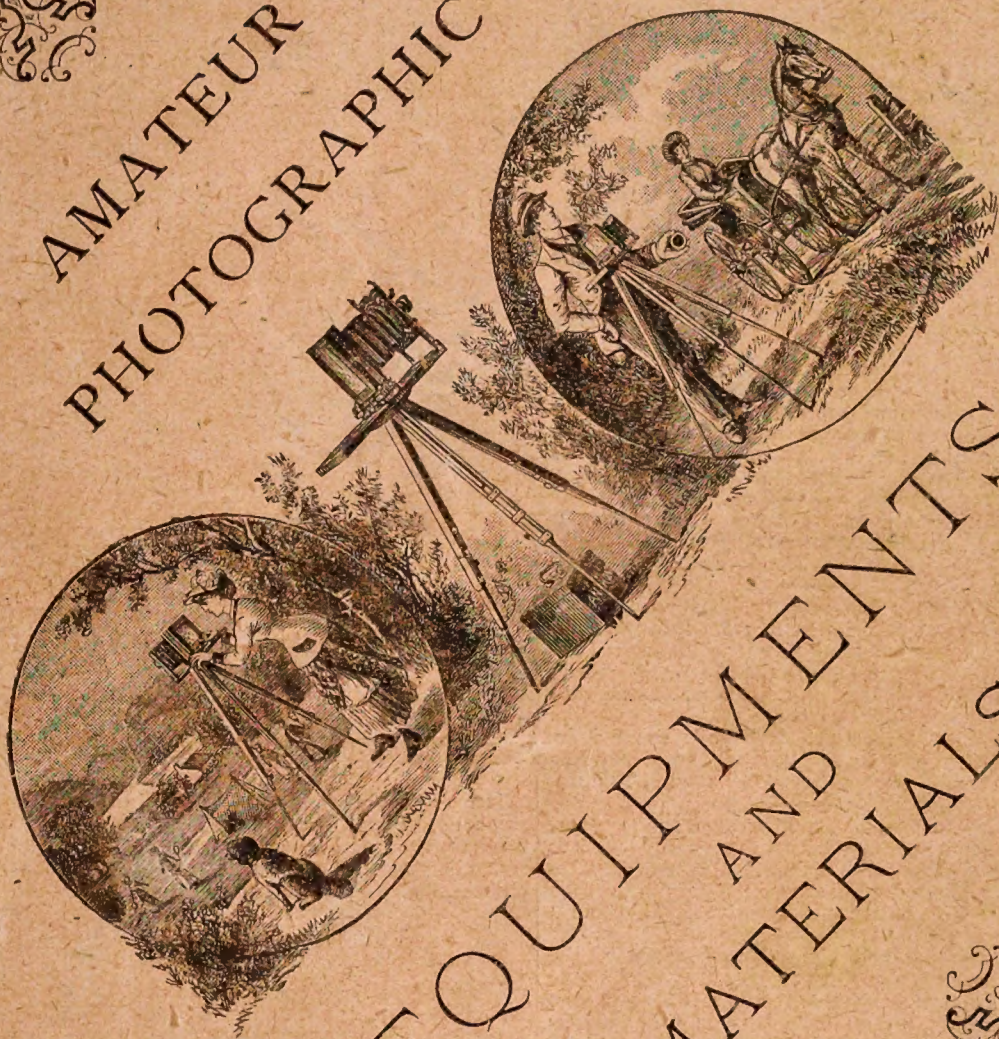
E11

1885

# ILLUSTRATED CATALOGUE

OF

AMATEUR  
PHOTOGRAPHIC



EQUIPMENTS  
AND  
MATERIALS.

NEW YORK:

E. & H. T. ANTHONY & CO., No. 591 BROADWAY.

SEPTEMBER, 1885.



# SUBSCRIBE FOR ANTHONY'S SEMI-MONTHLY PHOTOGRAPHIC BULLETIN,

Which is admitted to be the  
**BEST PHOTOGRAPHIC HELPER**  
THAT IS PUBLISHED.

Amateurs or Professionals who need any advice can obtain it through its *Correspondence Column*.

We print a few of the scores of Testimonials recently received to show

## What People Think of the Bulletin.

A very welcome visitor to the magicians of the dark chamber, professional and amateurs.

Very truly yours,  
OLIVER WENDELL HOLMES.

The BULLETIN comes regularly and is much prized. Its new form and dress is a marvel of beauty outside and on the inside it is radiant with diamonds of thought and light that cannot help but illumine the pathway of the studious photographer.

A. HESLER.

I think your journal the best I ever saw; it treats with great clearness all subjects.

E. C. WINANS.

The BULLETIN has already been worth more than a year's subscription to me. I do not want to be without it. Long live the BULLETIN! It serves as a beacon light to the photographer who is far away from the great leaders, and he can, through it, see his way clear.

Success to the men who have done so much for us, and the great leading spirits who give us so much for so little.

P. ERSLEY, Texas.

I wish you could know how much one amateur, at least, appreciates your kind and cordial offer to answer questions. Wishing the best of success and long life to the BULLETIN.

Yours sincerely,  
N. E. MAXSON.

The external and internal appearance of the BULLETIN are something to be proud of, and the new departure shows that, while it is too young to stop growing, it is old enough to be staid and sensible and interesting. It is a credit to you and Prof. Chandler, and to the fraternity at large, and I wish you all the success your enterprise deserves.

Very truly yours,  
J. H. KENT.

The BULLETIN is to my notion the best photo. magazine published in this country. I should not attempt to keep up to the time photographically without it.

C. B. WAITE.



**ANTHONY'S**  
**Photographic**  
**BULLETIN**

EDITED BY  
Prof. CHAS. F. CHANDLER, Ph.D., LL.D.  
Prof. of Applied Chemistry in the School of Mines  
Columbia College, New York City.

**E. & H. T. Anthony & Co.,**  
591 BROADWAY  
New York.

It cannot come too often, for it always brings some useful hint, some valuable information, or some word of good cheer to us poor photographers struggling against constantly increasing expenses and constantly decreasing profits.

Yours faithfully,  
E. K. HOUGH, New Orleans.

We are greatly pleased with the new BULLETIN, especially with the column devoted to questions and answers. We think it will be a source of extreme satisfaction for both amateurs and professionals.

Yours truly,  
J. H. MCGOWAN.

The BULLETIN is the best periodical of its kind I have yet had the pleasure of reading, and it cannot but be a great help to all artists. I wish you abundant success.

Yours,  
W. PEMBERTON.

Subscription, \$2.00 per Annum.

**E. & H. T. ANTHONY & CO., Publishers,**  
591 Broadway, New York.



*The prices given in this catalogue are liable to fluctuation. When any article is reduced, the buyer will get the benefit without reference to the printed list.*

---

## READ CAREFULLY THESE FEW FACTS.

---

Presumably the reader of the following pages knows something of the interesting art for which the articles enumerated in this catalogue are provided. If not, he can acquire a general idea of it from what follows, and we shall be pleased, on receipt of fifty cents, to mail to any address a book, in which all the details are given, entitled *How to Make Photographs; A Manual for Amateurs*, by T. C. Roche, recently published by our house. It has been penned and edited by eminent theoretical and practical photographers.

That work has been written with the view of stating in the most simple and concise language everything necessary for any one to know who may be disposed to engage in photography as an amateur. It will be found equally serviceable to those who desire to practice the art as an aid in their business or profession, and all its statements may be implicitly relied on for accuracy and practicability.

The introduction of the gelatino-bromide dry plate has so revolutionized photography that but little preliminary knowledge of it is now essential; in fact, it is astonishing what can be accomplished by totally inexperienced amateurs who may exercise a little taste and judgment.

It is scarcely to be supposed that success should always attend one's first efforts, but rapid progress can generally be made by old or young, lady or gentleman, who may manifest the slightest disposition to excel.

Unlike the old "wet" plate, the gelatino-bromide process has the advantage of admitting a much wider latitude of exposure—that is to say, the actual time which the sensitive plate may now be subjected to light, though still important, is far less so than by the old collodion process, and the subsequent operations are free from the former objections of complexity, uncertainty and stains. The apparatus and chemicals required are also few and inexpensive, and there is nothing which the veriest tyro in chemistry cannot readily master.

Another obvious improvement is recognized in the exceeding lightness and portability of the equipments, and their greater adaptability to the requirements of the public.

Unfortunately the increasing demand has led many persons to engage in the manufacture and sale of apparatus and materials that are quite

CONS.  
NH  
501  
E11  
1885



READ CAREFULLY THESE FEW FACTS.

---

inadequate for the attainment of satisfactory results. We therefore point with pride to the intrinsic excellence of every item in the following list—the outcome of *more than forty years'* diligent effort and experience in the preparation of photographic supplies.

In selecting an outfit from those described in the following pages there are two axioms it will be well to bear in mind. They are:

First.—The larger the camera, the greater the bulk and weight.

Second.—While a small picture can be made with a large camera, a large picture *cannot* be made with a small camera.

Remember, we do not make a single toy; all our cameras are practical working instruments such as are in constant use by professional photographers. All are fitted with our Patent Perfect Double Dry Plate Holders, which are by far the lightest, tightest and handiest holders made, and have done as much as any other one thing toward giving popularity to our equipments. The equipments from numbers 1 to 6 are fitted with fine single achromatic lenses, which (with the exception of the 4 x 5) are provided with changeable diaphragms, so that the time of exposure may be varied to suit the subject.

They are adapted for landscapes and out-of-door groups and in a good light require but a second's time (or even less) to make a picture. Amateurs who aim to excel, and with whom the cost is a secondary consideration, are invited to examine the more expensive double achromatic lenses described in the following pages.

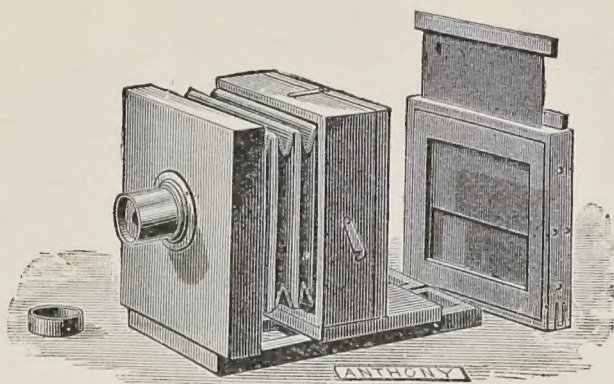
Those made by DALLMEYER especially can be depended on as being *absolutely the best in market*. With these the very finest results are possible.

In buying do not forget that you are not going to make an experiment. Your success is assured if you follow the printed directions. Thousands have succeeded before you with only the ordinary amount of brains, and some with less than is allowed to mankind generally. So when you buy, buy as good an outfit as you can afford. With a cheap instrument you can do good work, but with the better grades you can do better work more easily. First decide what size you want, then *get the best you can afford of that-size*.

With these few hints and explanations we take pleasure in opening to your view and for your consideration the pages of this little book, with the further assurance that everything therein mentioned is guaranteed to be exactly as described.

# ANTHONY'S AMATEUR OUTFITS.

*Description and Prices.*



## ***Equipment No. 1.***

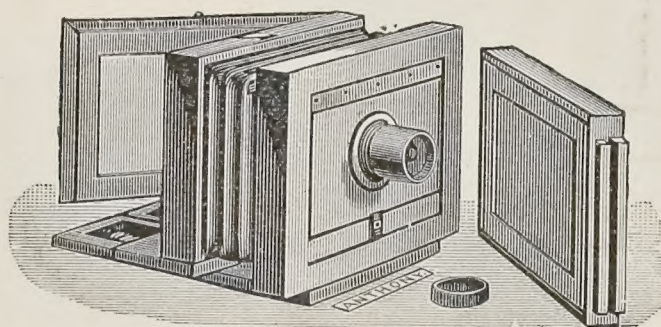
Mahogany camera, for making pictures vertically or horizontally measuring 4 x 5 inches, with one double dry plate-holder, fine single achromatic lens, improved tripod, and carrying case, . . . . .

\$9 00

Extra double dry plate-holders, each, . . . . .

2 00

Weight, 8½ lbs.



## ***Equipment No. 1½.***

Mahogany camera, suitable for making pictures measuring 4¼ x 6½ inches, with removable front, one double dry plate-holder, fine single achromatic lens; improved tripod and carrying case, . . . . .

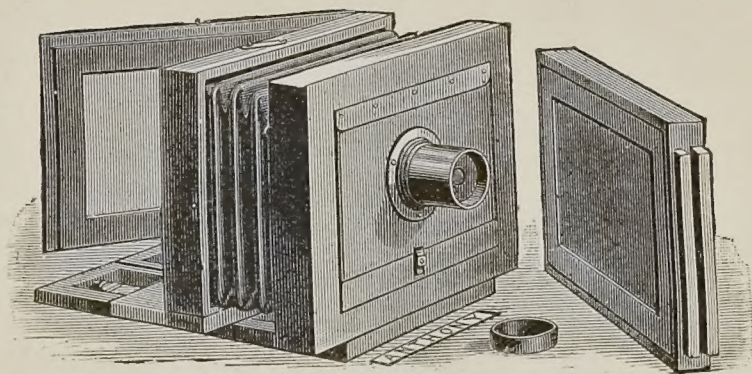
\$10 00

Extra patent double dry plate-holders, each, . . . . .

\$2 25

Weight, 10 lbs.



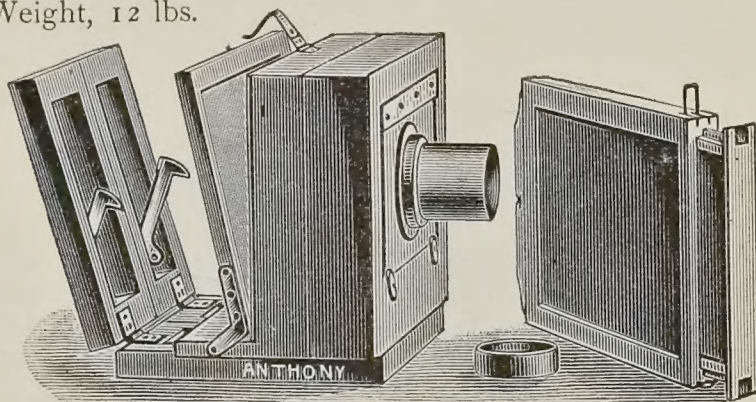


### ***Equipment No. 2.***

Mahogany camera, for making pictures measuring 5 x 8 inches, with removable front, one double dry plate-holder, fine single achromatic lens, improved tripod and carrying case, . . . . . \$10 00

Extra patent double dry plate-holders, each, . . . . . 2 25

Weight, 12 lbs.



### ***Equipment No. 2 A.***

PATENTED.

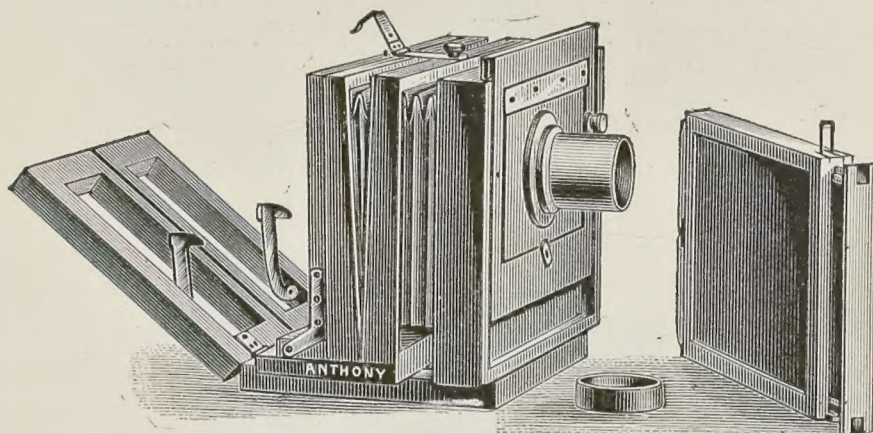
Consisting of 5 x 8 handsomely-finished camera, with folding bed (fastening with our patent clamp hooks), removable front, E. A. single achromatic view lens, with diaphragms, patent perfect double dry-plate holder (smallest and lightest in market), and patent folding tripod (camera, holder lens and

tripod top in neat carrying case), tripod legs strapped together.

Price for above, complete, . . . . . \$12 00

Extra holders for above, each, . . . . . 2 50

Weight, 10 lbs.



***Equipment No. 2 B.***

PATENTED.

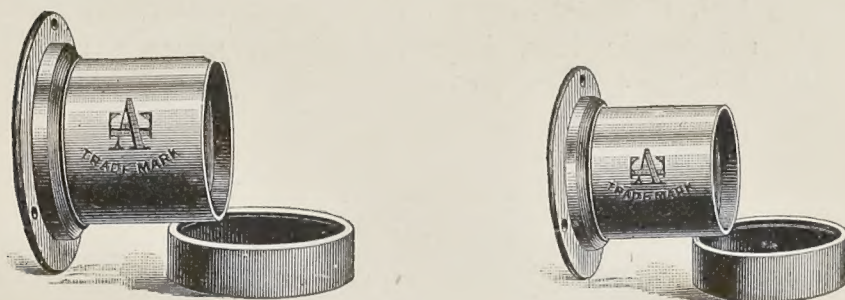
Same as No. 2 A, with addition of swing back and rising front.

Price, complete, . . . . . \$15 00

“ without lens, . . . . . 12 00

Extra holders, each, . . . . . 2 50

Weight, 10 lbs.



***Equipment No. 3.***

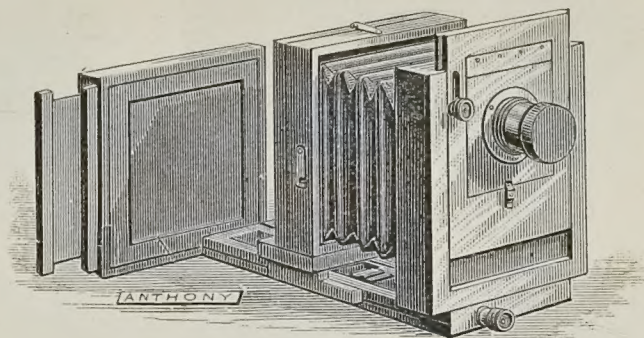


### Equipment No. 3.

Mahogany camera, similar to No. 2, with lens for making 5 x 8 pictures, and a pair of fine achromatic lenses for making either stereoscopic views on a 5 x 8 plate, or two 4 x 5 views on a 5 x 8 plate. Price, including the three lenses, tripod and carrying case, . . . . . \$16 50

Weight, 12½ lbs.

Where the lens for making single pictures on a 5 x 8 plate is not desired the remainder of the outfit, including the stereoscopic lenses, will be supplied for \$13 00.



### Equipment No. 4.

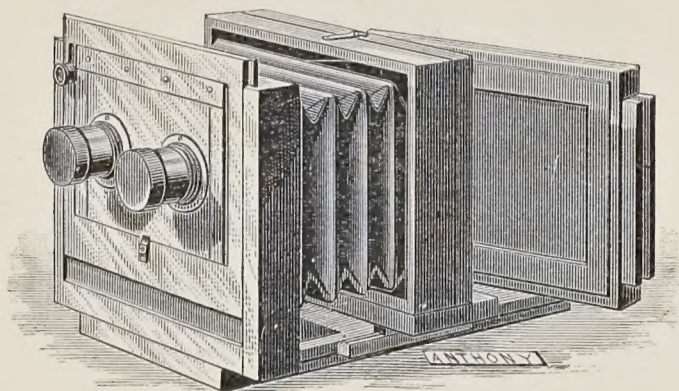
A mahogany camera for making pictures vertically or horizontally measuring 4 x 5 inches, complete with rising front, folding bed, rubber bellows, and focusing screw, one fine single achromatic lens, improved tripod, six 4 x 5 patent double dry-plate holders, and carrying case, . . . \$25 00

Weight, 9¼ lbs.

Parts of No. 4 supplied as follows :

4 x 5 Camera, as above, <i>without shield</i> , . . .	\$10 00
4 x 5 Patent double dry plate holders, each, . .	2 00
Single achromatic lens, . . . . .	3 75





### *Equipment No. 5.*

A 5 x 8 Mahogany Stereoscopic Camera, with rising front, folding bed, rubber bellows, removable ground-glass, focusing screw, extra front board, six 5 x 8 patent double dry plate-holders, improved folding tripod, carrying case and one pair of fine achromatic stereoscopic view lenses, . \$33 00

Weight, 13 lbs.

Parts of No. 5 outfit supplied as follows :

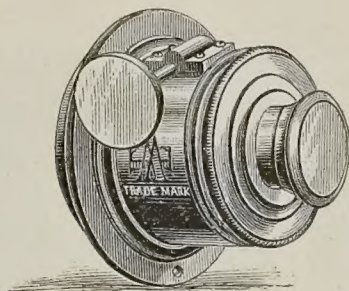
5 x 8 Camera, as described, <i>without shield</i> ,	. \$12 50
5 x 8 Patent double dry plate-holders, each,	\$2 25
Pair of achromatic stereoscopic lenses, . . .	7 50
Improved tripod, . . . . .	2 25
Carrying case, . . . . .	1 00

### *Equipment No. 6.*

Same as No. 5, with the addition of a fine single achromatic lens, for producing single views on plates measuring 5 x 8 inches. Weight, 13½ lbs.

Price complete, including the three lenses, . . \$37 50





### *Equipment No. 7.*

Cherry camera with folding bed, changing front and focussing screw, for making pictures on a  $6\frac{1}{2} \times 8\frac{1}{2}$  plate, including one patent double dry plate-holder, and carrying case. (Lens and tripod not included.) . . . \$13 50

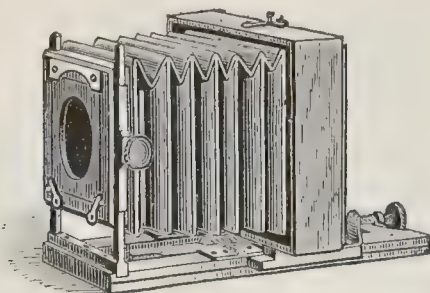
Extra patent double holders, each, . . . . .	\$4 00
Improved folding tripod, . . . . .	2 25
$6\frac{1}{2} \times 8\frac{1}{2}$ E. A. single achromatic lens, with rack movement and diaphragms, . . . . .	6 40

### *Equipment No. 8.*

Cherry camera in same style as No. 7, but for pictures on  $8 \times 10$  plate, including one patent double dry plate-holder and carrying case. (Lens and tripod not included.) \$17 00

Extra patent double holders, each, . . . . .	\$5 00
Improved folding tripod, . . . . .	2 25
$8 \times 10$ E. A. single achromatic lens, with rack movement and diaphragms, . . . . .	7 60



*The Patent Bijou Camera,*For  $3\frac{1}{4} \times 4\frac{1}{4}$  Plate.

This little camera is the neatest, nattiest, and altogether nicest camera of its kind ever made. When folded it measures  $5 \times 5 \times 3\frac{1}{2}$  inches, and can readily be put in an ordinary hand-grip or may even be carried in the overcoat pocket. It weighs only  $14\frac{1}{2}$  ounces, and the holders are correspondingly light and compact.

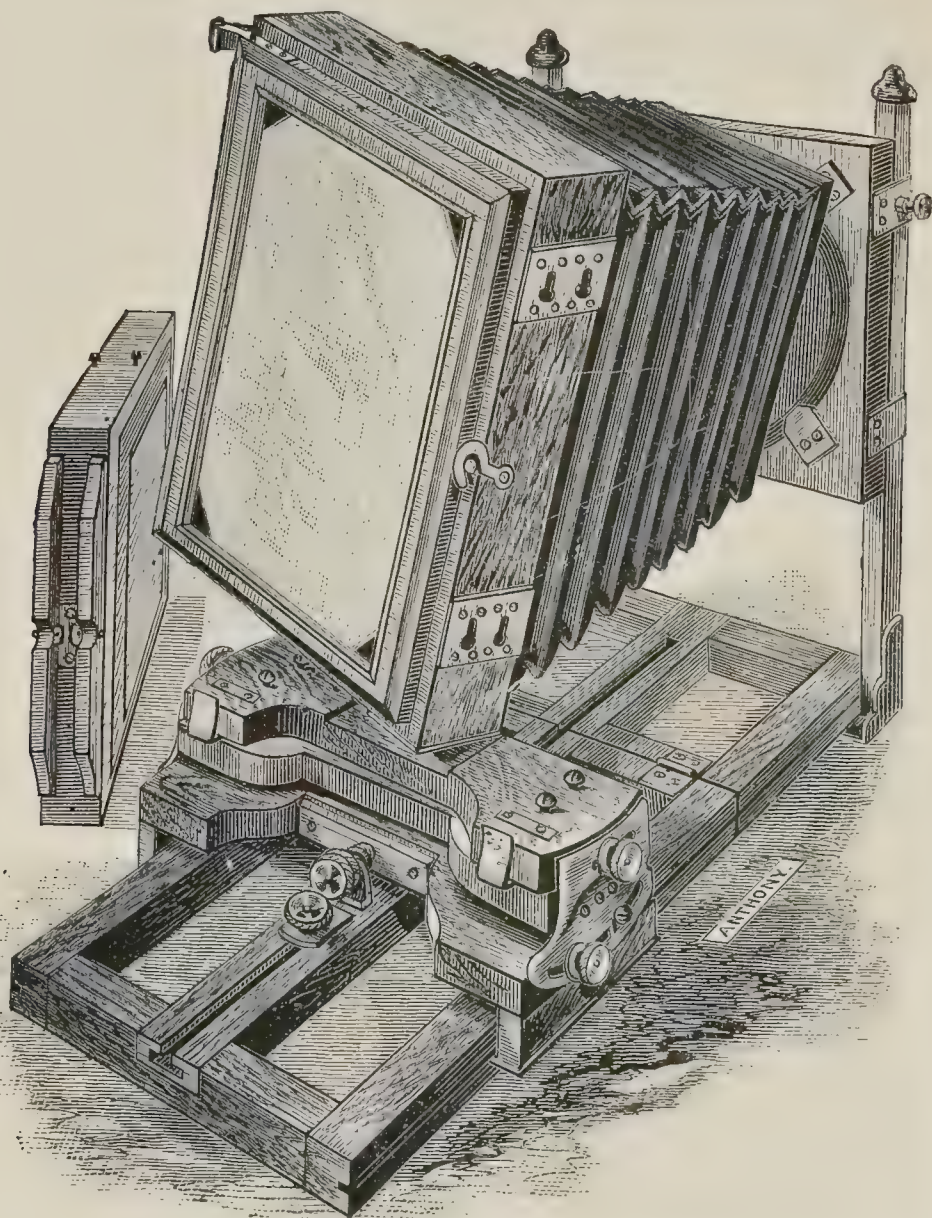
It has a sliding front, hinged ground glass, and folding bed, which is provided with a novel arrangement for fixing it in position, enabling the operator to adjust it in a few seconds. It is made of mahogany, with our new hard finish, flexible bellows and brass mountings, making a remarkably elegant little instrument.

As the plate is the same size as those used with magic lanterns, slides may be made from them by contact printing in an ordinary printing frame. By using rapid printing paper in connection with our enlarging lantern, the pictures may be made as large as desired. For tourists, to whom weight and bulk are objections, this camera is of especial value.

Price of camera, with one double holder, . . . \$ 9 00

Price of patent improved double dry plate-holders,  
 $3\frac{1}{4} \times 4\frac{1}{4}$  each, . . . . . 2 00



*Anthony's Patent Novel View Cameras.*

These are made in the best possible manner, and of first



*Anthony's Novel View Cameras (Continued).*

quality mahogany in good hard varnish finish. They have single and double swing backs, cone bellows and folding beds; are very light, compact and strong. Their peculiar construction admits of making the pictures either vertically or horizontally with equal ease, the change of position being effected very quickly.

The rear part of the camera is separated from the bed by merely pushing it from left to right, the keyhole slots releasing the heads of the screws.

The front end of the bellows being arranged so as to revolve in a light framework which runs on the two hollow upright brass rods, when the rear of the camera is separated from the bed the entire bellows revolves at the same time with the rear. When this is turned on its side and replaced on the screws the camera is reversed. The whole operation of reversing a 5 x 8 camera requires but two seconds by the watch.

They are made with as long a bellows as possible, the 5 x 8 being about four inches longer than those of the ordinary kind. The ground glass is hinged to the camera.

When packed, the camera should always be put in a vertical position. They are put up in carrying cases without additional cost.

*Novel Dry Plate Holders (Patented).*

10 x 12, (single,) each, \$5 50	17 x 20, (single,) each, \$12 00
11 x 14, " " 6 75	18 x 22, " " 14 00
14 x 17, " " 10 00	



*Anthony's Novel View Cameras (Continued).*

PRICES:      Single Swing.    D'ble Sw.

4 x 5, in carrying case, with one perfect double dry plate-holder, . . . . .	\$17 50	
4 1/4 x 6 1/2, in carrying case, with one per- fect double dry plate-holder, . . . . .	20 00	
5 x 8, in carrying case, with one perfect double dry plate-holder, . . . . .	20 00	\$23 00
6 1/2 x 8 1/2, in carrying case, with one per- fect double dry plate-holder, . . . . .	25 00	28 00
8 x 10, in carrying case, with one perfect double dry plate-holder, . . . . .	30 00	33 00
(The three latter sizes have stereo. partition and extra front.)		

Price, without Holder.

10 x 12 S'gle swing, \$30 00	10 x 12 D'ble swing, \$35 00
11 x 14      "      35 00	11 x 14      "      40 00
14 x 17      "      45 00	14 x 17      "      50 00
17 x 20      "      52 50	17 x 20      "      60 00
18 x 22      "      57 50	18 x 22      "      65 00

All sizes above 8 x 10 are used with our Novel Shield, each one of which has two slides, working in the *end* and in the side of shield; therefore the slide can be withdrawn from the side of the shield no matter in what position the camera is placed. These shields are made single, and for dry plates only. Prices of the cameras above 8 x 10 are given without shields, but include the carrying case.





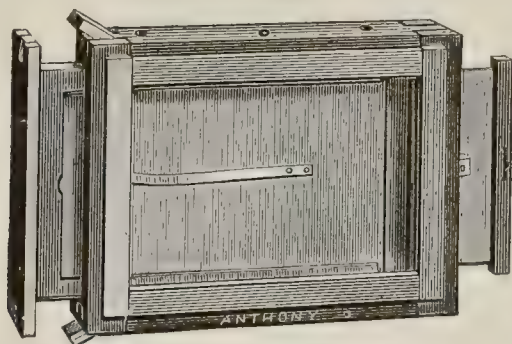
### *Anthony's Bicycle Equipment*

Consists of a handsome mahogany camera, fine single achromatic lens, patent double dry plate holder, sole leather carrying case with shoulder strap and clamp for attaching camera to bicycle. Makes pictures  $3\frac{1}{4} \times 4\frac{1}{4}$  inches. Weight of complete outfit, exactly 2 pounds.

Price complete, \$10. Extra double dry plate holders, each, \$2.



*Anthony's Patent Perfect Double Dry Plate  
Holders or Shields.*



We would call special attention to our Patent Dry Plate Shields or Plate-holders. They are so arranged that one or two 4 x 5 plates can be used in a 5 x 8, one or two  $4\frac{1}{4}$  x  $6\frac{1}{2}$  can be used in a  $6\frac{1}{2}$  x  $8\frac{1}{2}$ , or one or two 5 x 8 in an 8 x 10 plate-holder. Thin wooden frames can be supplied for holding still smaller sizes, if desired, so that the amateur can experiment with smaller plates than the extreme limit of his holders, and at much less expense. They are also much more readily managed in the ruby light than any other style, and are guaranteed to be the only perfect plate-holders in the market. (See Inside Dry Plate Kits, page 15.)

4 x 5, each,	. \$2 00	$6\frac{1}{2}$ x $8\frac{1}{2}$ , each,	. \$4 00
$4\frac{1}{4}$ x $6\frac{1}{2}$ , "	. 2 25	8 x 10, "	. 5 00
5 x 8, "	. 2 25		

Anthony's Patent Perfect Dry Plate Holders are the only ones with which inside kits or frames for smaller sizes can be used.

### *Anthony's Patent Perfect Plate Holders or Shields. (Wet plate Focus.)*

These shields are reversible, and are made for the convenience of those who wish to use them on the same camera as for wet plates, without changing the focus of the ground glass. They fit our regular Success or Climax View Cameras, but not the Dry Plate Cameras. In ordering please give exact outside measure of wet plate shield. Special sizes, extra.

For 5 x 8 stereoscopic plates, each, . . . . .	\$3 75
6½ x 8½ Reversible, \$6 00	11 x 14 Reversible, 11 00
8 x 10 " 7 00	14 x 17 " 15 00
10 x 12 " 9 00	17 x 20 " 17 50

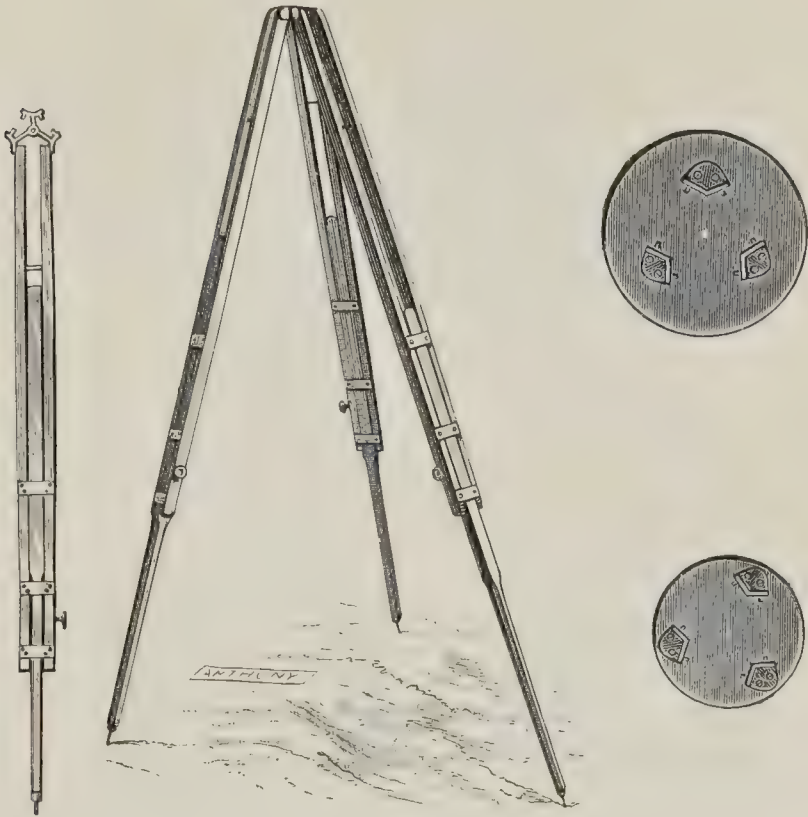
### *Inside Dry Plate Kits.*



Thin wooden frames to hold small sized plates, fitting in larger shields, thus enabling the amateur who has a large camera to use small plates as well as large ones. See p. 14.

To fit shields.	Each.	To fit shields.	Each.
4 x 5—3¼ x 4¼, . . .	\$0 25	8 x 10—4¼ x 6½, 5 x 7,	
5 x 8—3¼ x 4¼, 4 x 5,		5 x 8, 6½ x 8½, . . .	\$0 35
and 4¼ x 5½, . . .	30	10 x 12—8 x 10, . . .	55
6½ x 8½—4 x 5, 5 x 8,		11 x 14—8 x 10, 10 x 12,	60
4¼ x 6½, 5 x 7, . . .	30	14 x 17—11 x 14, . . .	75



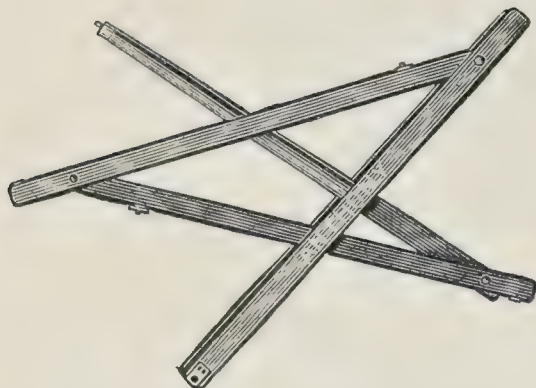
*Tripod or Camera Stand.*

There are several varieties. The telescopic have legs which may be shortened or lengthened separately at will.

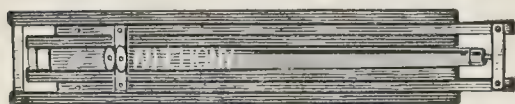
Small round wooden top,	. . . . .	\$2 25
Large        "        "	. . . . .	2 25
Telescopic, small size,	. . . . .	3 50
"        large    "	. . . . .	3 75

**The Fairy Tripod.**

(PATENT APPLIED FOR.)



Showing one leg of Fairy Tripod partly folded.



Showing one leg of Fairy Tripod folded.



Showing Fairy Tripod set up ready for use.

Our aim has long been to make all apparatus connected with out-door photography as light and compact as is consistent with strength and durability. Until now the tripod has successfully resisted all efforts in that direction. But at last we can offer to our customers a tripod which is a marvel of lightness, compactness and rigidity, and which can be readily carried in an ordinary hand-bag. When folded it is only 16 inches long and weighs but 1 lb. 15 oz.

Price, each, - - - - - \$5 00

**Anthony's Amateur Albums.**

For preserving prints from negatives of one's own work these Albums form a handsome and interesting addition to the library table. They are very beautifully bound in cloth, with gilt stamp on side, the corners being finished with leather. The purest quality of cardboard is used in their manufacture, made expressly for mounting photographs, and free from any chemicals injurious to prints.

Size of Card.	Plain, each.	With Gilt Lines, each.
5 x 6 for 3 1/4 x 4 1/4 pictures.....	\$1 00	\$1 25
6 x 7 " 4 x 5 " .....	1 10	1 50
7 x 10 " 5 x 8 " .....	1 30	1 70
10 x 12 " 6 1/2 x 8 1/2 " .....	1 95	2 36
11 x 14 " 8 x 10 " .....	2 40	2 80



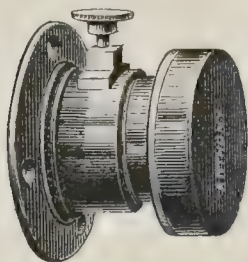
### *Anthony's Single Combination Lenses.*

No. 1, . . . . \$3 75 | No. 2, . . . . \$4 50

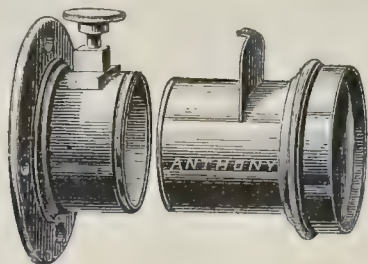
For ordinary landscape work, these lenses give very brilliant effects, fully covering 4 x 5 and 5 x 8 plate respectively. They are the best lenses in the market at the price. The 5 x 8 size has changeable diaphragms, so that the time of exposure may be varied to suit the subject.

### *Anthony's Rapid Dry Plate Lens*

Has a double achromatic combination for making instantaneous views, portraits groups, etc. The lens should be



Lens ready for use.

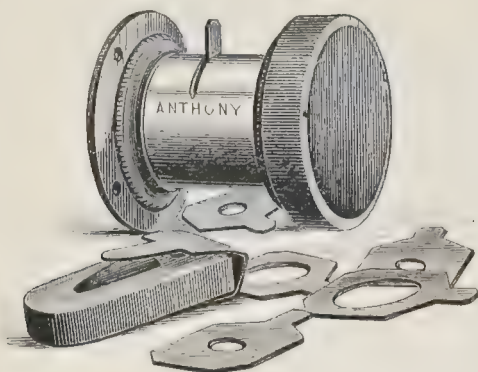


Showing how the central stops or diaphragms are inserted.

focussed with the full opening. Price, No. 1 Rapid Lens, for 4 x 5 pictures, \$15 00; No. 2, for 5 x 8 pictures, \$25 00. No. 3, for 8 x 10 pictures, \$37 50

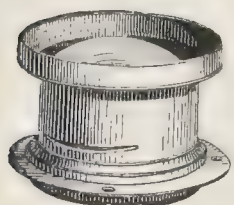
### *The Remarkable Platyscope Lens.*

The Remarkable Platyscope Lens, with central stops, is unequalled, at the price, for all kinds of outdoor work, groups, etc.



### *The Platyscope Lens.*

A.	equiv. focus,	$6\frac{3}{8}$ in.,	size of view,	5 x 7,	each,	\$22 00
B.	"	$8\frac{1}{2}$ "	"	6 x 8,	"	30 00
C.	"	$11\frac{1}{2}$ "	"	8 x 10,	"	35 00
D.	"	$12\frac{1}{2}$ "	"	10 x 12,	"	42 00
E.	"	$15\frac{1}{2}$ "	"	11 x 14,	"	50 00
F.	"	$19\frac{1}{2}$ "	"	14 x 17,	"	68 00
G.	"	24 "	"	17 x 20,	"	100 00



ANTHONY

### *Dallmeyer's Wide-angle Rectilinear Lenses.\**

Dallmeyer's Wide-angle Rectilinear Lens, with rotating diaphragms, for views of buildings, etc., in confined situations, where very little distance can be had. An excellent landscape lens of about twice the focal length of the double combination is

\* The apertures of all stops or diaphragms supplied with Dallmeyer's lenses (portraits, views and landscapes) are so arranged that, counting from the *largest* to the next size *smaller*, the time of exposure is *doubled*. Stops marked X are exceptions to this rule, and require an exposure only *half as long* again as the *preceding larger* stop.



formed by removing the front lens, and using the back combination alone.

No.	Largest dimension of plate.	Dia. front combination.	Back focus.	Equivalent focus.	Price.
IAA	7 $\frac{1}{4}$ x 4 $\frac{1}{2}$	$\frac{7}{8}$ in.	3 $\frac{1}{2}$ in.	4 in.	\$37 00
IA	8 $\frac{1}{2}$ x 6 $\frac{1}{2}$	1 $\frac{1}{4}$ "	4 $\frac{5}{8}$ "	5 $\frac{1}{4}$ "	45 00
1	12 x 10	1 $\frac{1}{2}$ "	6 $\frac{1}{4}$ "	7 "	61 50
2	15 x 12	2 "	7 $\frac{1}{2}$ "	8 $\frac{1}{2}$ "	86 00
3	18 x 16	2 $\frac{1}{2}$ "	11 "	13 "	115 00
4	22 x 20	3 "	14 "	15 $\frac{1}{2}$ "	164 00



ANTHONY

### *Dallmeyer's Rapid Rectilinear Lens.*

Dallmeyer's Rapid Rectilinear Lens with central stops, for views of dimly lighted interiors, instantaneous out-door effects, groups, landscapes, architectural scenes, etc., etc. For the tourist, this is a truly valuable lens.

Size of view or landscape.	Size of group or portrait.	Diameter of lenses.	Back focus.	Equiv. focus.	Price. rigid set.
5 x 4 in.	4 $\frac{1}{4}$ x 3 $\frac{1}{4}$ in.	1 in.	5 $\frac{1}{2}$ in.	6 in.	\$37 00
7 $\frac{1}{4}$ x 4 $\frac{1}{2}$ "	5 x 4 "	1 $\frac{1}{4}$ "	7 $\frac{1}{2}$ "	8 $\frac{1}{4}$ "	45 00
8 $\frac{1}{2}$ x 6 $\frac{1}{2}$ "	6 x 5 "	1 $\frac{1}{2}$ "	10 $\frac{1}{4}$ "	11 "	57 50
10 x 8 "	8 $\frac{1}{2}$ x 6 $\frac{1}{2}$ "	1 $\frac{3}{4}$ "	12 $\frac{1}{4}$ "	13 "	74 00
12 x 10 "	10 x 8 "	2 "	15 "	16 "	90 00
15 x 12 "	12 x 10 "	2 $\frac{1}{2}$ "	18 "	19 $\frac{1}{2}$ "	123 00
18 x 16 "	15 x 12 "	3 "	23 "	24 $\frac{3}{4}$ "	164 00
22 x 20 "	18 x 16 "	3 $\frac{3}{4}$ "	28 "	30 $\frac{1}{2}$ "	222 00
25 x 21 "	22 x 20 "	4 "	31 "	33 $\frac{1}{2}$ "	262 00

4 x 5 furnished in matched pairs for stereo. work.

### ***Dry Plates and Materials for Making the Negatives.***

*4 x 5 Developing Outfit.*—Pocket ruby lantern; 1 dozen dry plates; 2 developing trays; oxalate potass.; pure sulphate of iron; hyposulphite of soda; bromide potass.; oxalic acid; sulphuric acid; alum; filtering paper; 2 funnels; 3 glass graduates; blue litmus paper; focussing cloth; scales and weights; bottle of negative varnish. Price, . . . \$5 25

*4¼ x 6½ Developing Outfit.*—Same items as above, but adapted to 4¼ x 6½ negatives. Price, . . . \$6 25

5 x 8 *Developing Outfit.* “ . . . 6 50

6½ x 8½ “ “ “ . . . 8 00

8 x 10 “ “ “ . . . 9 50

These outfits contain everything necessary for developing one dozen negatives, and chemicals, trays, etc., sufficient for several dozen more.

### ***The “Stanley” Gelatino-Bromide Dry Plates.***

We consider these plates the best for both the professional and amateur. For rapidity, uniform intensity, excellent printing qualities and cleanliness they are unexcelled.

We quote one from many testimonials:

“I have no hesitation in pronouncing the Stanley plates as the very best in the market, here or in Europe; being the



most extremely rapid plates extant, always reliable and possessing the highest artistic qualities, rendering the several gradations of light and shade, from the lowest depths of shadow to the highest point of light, in the most perfect and decided manner. Their printing qualities resemble the much admired wet plates. I do not intend to use any other for instantaneous work in the future. They are, undoubtedly, the plate for your detective camera.

"The lens used for the test was a Dallmeyer rapid rectilinear, with second smallest stop, and a Prosch shutter set at its greatest speed.

"Faithfully yours,

"R. GALLOWAY BILLINGER,

"*Member of the Photographic Society of Great Britain.*"

Prices of Stanley dry plates after May 10 will be as follows :

3 $\frac{1}{4}$ x 4 $\frac{1}{4}$ . . . . \$	45	10 x 12 . . . .	\$3 80
4 x 5 . . . .	65	11 x 14 . . . .	5.00
4 $\frac{1}{4}$ x 5 $\frac{1}{2}$ . . . .	75	14 x 17 . . . .	9 00
4 $\frac{1}{4}$ x 6 $\frac{1}{2}$ . . . .	90	16 x 20 . . . .	12 50
5 x 7 . . . .	1 10	17 x 20 . . . .	13 00
5 x 8 . . . .	1 25	18 x 22 . . . .	15 50
6 $\frac{1}{2}$ x 8 $\frac{1}{2}$ . . . .	1 65	20 x 24 . . . .	18 50
8 x 10 . . . .	2 40		

We can also supply at manufacturers' regular list prices other well known brands of dry plates, such as the Eastman, Carbutt, Forbes, Cramer, St. Louis, etc., etc.

### *The Tropical Dry Plates.*

The Tropical plate is the most important discovery yet made in dry plate photography. It can be washed in water of any temperature without frilling or having the film affected in any way. By this means the hyposulphite of soda used in fixing is much more thoroughly and easily eliminated.

When fixed, the negative can be *dried over a spirit lamp* in a few minutes.

This removes the only remaining difficulties in dry plate photography, and makes them available in the hottest climates.

Until further notice the price of the Tropical plates, so long and favorably known to the trade, will be as follows :

$3\frac{1}{4} \times 4\frac{1}{4}$ . . . \$ 50	$10 \times 12$ . . . \$ 4 50
$4 \times 5$ . . . 75	$11 \times 14$ . . . 5 85
$4\frac{1}{4} \times 5\frac{1}{2}$ . . . 85	$14 \times 17$ . . . 10 50
$4\frac{1}{4} \times 6\frac{1}{2}$ . . . 1 05	$16 \times 20$ . . . 14 50
$5 \times 7$ . . . 1 30	$17 \times 20$ . . . 15 25
$5 \times 8$ . . . 1 45	$18 \times 22$ . . . 18 00
$6\frac{1}{2} \times 8\frac{1}{2}$ . . . 1 90	$20 \times 24$ . . . 21 00
$8 \times 10$ . . . 2 80	

### *Dry Plate Safety Box.*

In outward appearance resembling an ordinary negative box, though not so deep; but within, instead of grooves, it has a close-fitting cover lined with black velvet, so as to guard the plates against any possible reflections. These of any size up to  $8 \times 10$  may be removed from the original packages, that should always be opened in the dark room, and safely kept in this box until transferred to the plate-holder.

Prices,  $4 \times 5$ , \$1 00;  $5 \times 8$ , \$1 25;  $6\frac{1}{2} \times 8\frac{1}{2}$  or  $8 \times 10$ , \$1 50.



### *Anthony's Pure Chemicals.*

The chemicals required are simple, and prepared for use by the addition of water only, as per instructions in book on manipulation, which will be given with every outfit. As these chemicals are prepared and tested by ourselves, we furnish only what we know to be suited to the purpose.

Anthony's alkaline solution, 8 oz. bot., 40 cts. ; Pt., \$0	80
Oxalate of potash, per pound (bottles extra), .	40
Chemically pure iron, " . . . .	50
Hyposulphite of soda, " . . . .	08
Bromide of potassium, per ounce, . . . .	10
Oxalic acid, per ounce, . . . . .	10
Non-actinic paper, 11 x 17, per sheet. . . .	13
Filtering paper, per dozen sheets, . . . .	15
Pyrogallic acid, per ounce, . . . . .	45
Blue litmus paper, (for testing acidity), per sheet,	05
Chloride of gold and sodium, per bottle, . .	50
Bicarbonate of soda, per lb., . . . . .	12
Acetate of soda, per ounce in bottle, . . . .	10
Carbonate of soda, per pound (crystals), . .	12
Sulphite of soda, per pound (crystals), . . .	25

### *Camel's-Hair Blender.*



1	inch English, each, \$0	20	2	inch English, each, \$0	30
1 1/2	" " " "	25	2 1/2	" " " "	40

*Japanned Iron Developing Trays.*

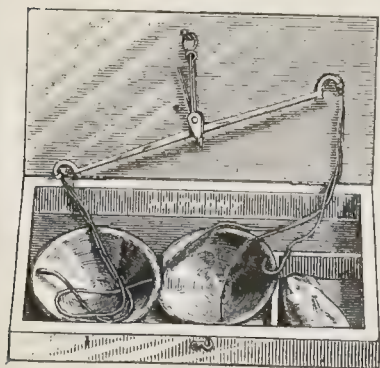
For 4 x 5 plates, .	\$0 20	For 11 x 14 plates, .	\$0 75
" 5 x 8 " .	25	" 14 x 17 " .	1 00
" 6½ x 8½ " .	30	" 18 x 22 " .	2 00
" 8 x 10 " .	40	" 20 x 24 " .	2 50
" 10 x 12 " .	50		

*Anthony's Developing Bottle.*

This developing bottle is a great convenience to the amateur or professional photographer, and will soon save its cost in the quantity of developer economized.



Quarts, . \$0 75 | ½ gal., . \$1 00 | 1 gal., . \$1 25

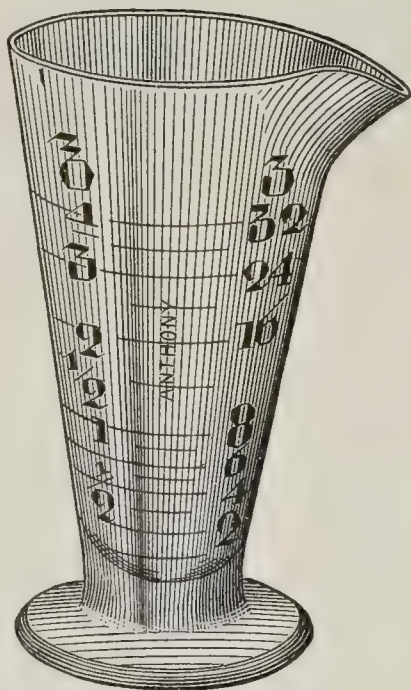
*Scales and Weights.*

These are made for weighing small quantities only—grains, scruples, and drams. With French weights they are equally useful for weighing grams, etc. Price, in wooden box, with a set of apothecaries' weights, 90 cts.



*Anthony's Superior Graduates.*

Prices: Minim, 30 cts.; ounce, 25 cts.; 2  
ozs., 30 cts.; 3 ozs., 36 cts.; 4 ozs., 42 cts.;



6 ozs., 48 cts.; 8 ozs., 54 cts.; 12 ozs., 72  
cts.; 16 ozs., 90 cts.; 24 ozs., \$1 20.

*Ordinary Glass Graduates.*

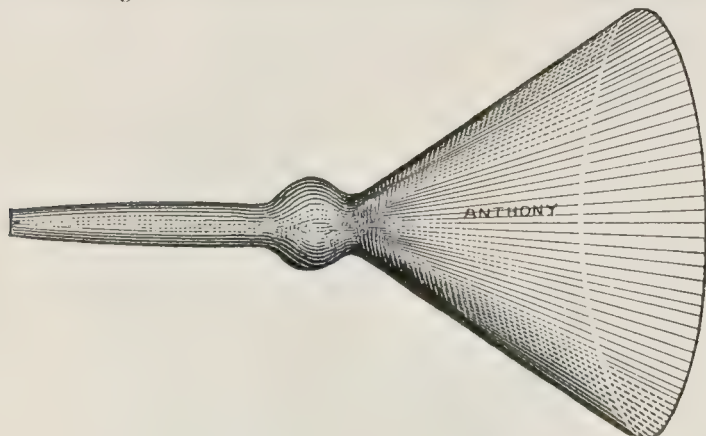
Minim, each, . . .	\$0 25	4 ounces, each, . . .	\$0 35
1 ounce, " . . .	20	8 " " . . .	60

*Ordinary Glass Funnels.*

$\frac{1}{4}$ Pint, each, . . .	\$0 10	Pint, each, . . .	\$0 15
$\frac{1}{2}$ " " . . .	12		

*Agate Ware Funnels.*

$\frac{1}{4}$ Pint, each, . . .	\$0 20	Pint, each, . . .	\$0 35
$\frac{1}{2}$ " " . . .	25	Quart, " . . .	50

***Anthony's Combined Funnel and Filter.***

In this combination of funnel and filter the bulb retains the filtering cotton in such a manner as to obviate the difficulty experienced in the ordinary funnel from the cotton being compressed too tightly. A glance at the cut will readily explain its advantages.

Pints, each, . 50c. | Quarts, . 62c. | Half Gallon, \$1 00

***Cooper's Concentrated Developer.***

This Developer never becomes muddy and can be used repeatedly with fine effect. It is sold ready mixed and only needs to be diluted with water.



Be sure that the  
label bears the  
trade mark

None other is  
genuine.

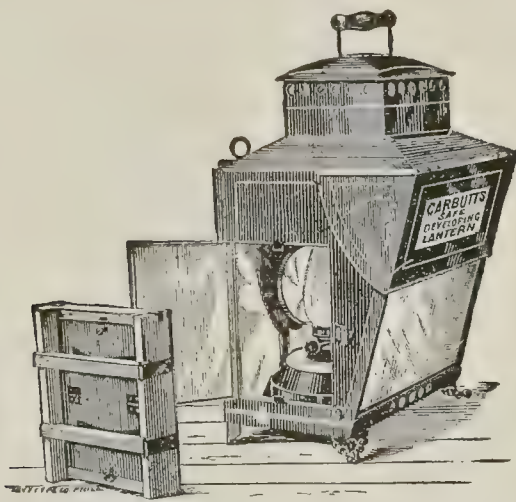
Fifty 8 x 10 plates can be developed with one bottle of developer.

Price, per bottle, . . . . . 50c.



*Carbutt's Multum in Parvo Lantern.*

PATENTED APRIL 25, 1882.

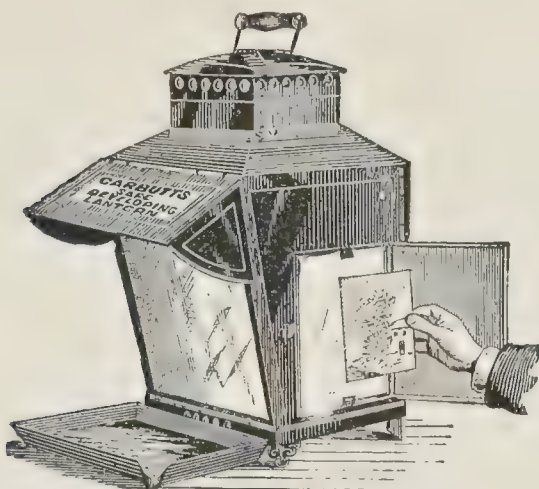


Lantern arranged for making positives by contact.

The following are some of the advantages possessed by this Lantern: It saves your eyesight. It is simple and easy to manage, nothing complicated, yet has three separate and distinct forms of light. It is adapted for the use of either oil or gas; is about nine inches square by fourteen high, with eight by ten deep ruby glass in front. Each lantern is provided with a coal-oil lamp, with improved patent burner and silvered reflector, which may be revolved in any direction and operated from the outside. By removing the revolving lamp bed, a hole will be found through which a gas burner can be introduced.

It can be used for seven or more different operations in photography, several of which have never been combined in any one lantern, to wit:

1. A safe light for the preparation of gelatino-bromide emulsion.
2. A safe light for the coating of gelatino-bromide plates.
3. A safe light for developing the most sensitive plates, while for preparing developer or doing other work the room can be instantly flooded with white light and as quickly



Lantern arranged for developing, and after fixing,  
examining negatives by opal light.

changed to the red, giving abundance of light by which to develop the largest sized plates used. The adjustable hood effectually shields the eyes from the glare of the red light, a matter of the greatest importance to those having a large number of negatives to develop, or other work to perform necessitating red light.

4. An opal light by which to examine negatives or positives after fixing, enabling the operator to judge of their qual-



ity, thereby avoiding the necessity of leaving the dark room in search of white light.

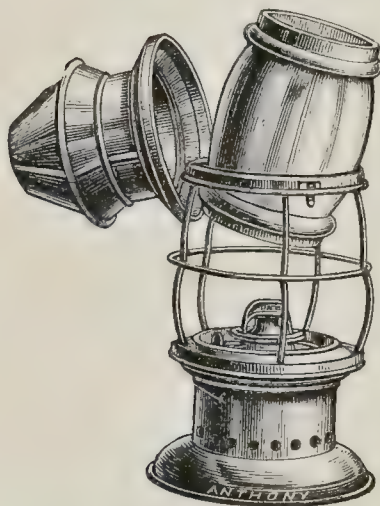
5. A clear transparent light for making positives on glass (gelatino-bromide). This feature is a valuable one; any photographer can materially add to his revenue by making these most beautiful products.

6. The making of enlarged negatives from gelatine positives, placed in front of opal light.

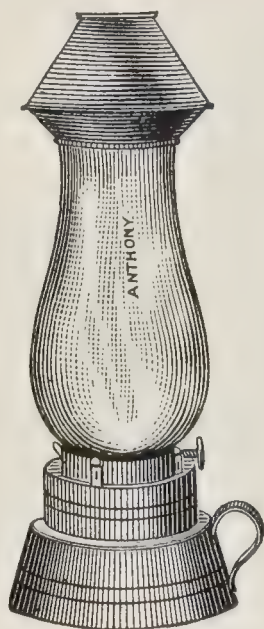
7. The making of photo-micrographs with the clear, transparent light, which can readily be accomplished with the gelatino-bromide plate and the microscope.

8. By the adjustment of condensers and holder for slides and objective in front of the clear light, a very effective magic lantern is formed. Price \$6 00, boxed ready for shipment.

### *Anthony's Dry Plate Lantern*



Has separable parts, and all are easily and quickly adjusted. There are no hinges to become dislocated nor armholes to break. It is easily lighted and extinguished; it requires but little care to keep clean; it can never get out of order; it takes but little oil and it affords a good light. Price, \$1 50.



### *Oil Lamp with Ruby Chimney.*

The above illustration represents the new oil lamp for use in developing gelatino-bromide plates. It is expressly made for the purpose, and is intended for use with kerosene oil. The chimney is of ruby-colored glass of the proper and most desirable tint, and surmounted with a movable top to intercept the upward radiation of the light of the lamp.

Price, \$1 50 each.

### *Gas Burner with Ruby Chimney.*

By the annexed wood-cut it will be seen that the patent argand burner has been so modified as to intercept the downward radiation of the light of the lamp; protection above is provided in the same manner as with the oil lamp. The chimneys of both gas and oil lamps, it should be particularly remembered, are not made of the ordinary ruby glass, but what is known in the trade as copper-flashed.

Price of the ruby gas burner and chimney, \$2 50.

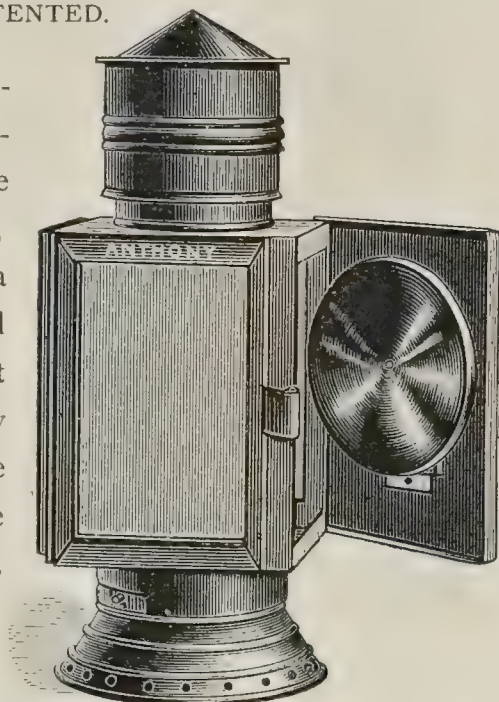




***Anthony's Climax Dark Room Lantern.***  
PATENTED.

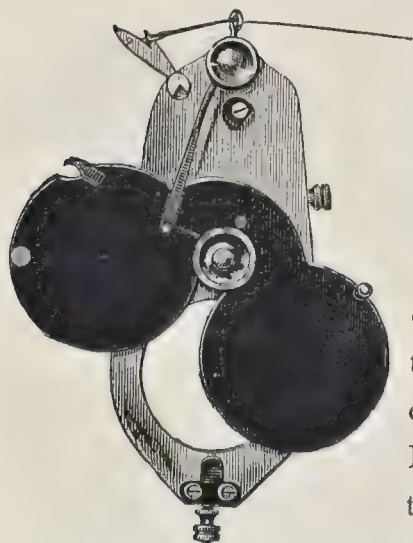
It has three large illuminating surfaces and reflector. The glass is of the correct non-actinic hue, and outside of it are extra sashes, in which additional lights of any desired tint may be slid. It is perfectly safe, and by all odds the most comfortable kerosene lantern to work by yet seen.

The price is \$2 00.



***Anthony's Instantaneous Drop***

Consists of two thin pieces of wood, each having a hole cut into it of the same size, and so arranged that when one piece is placed upon the end of the tube (which fits into the circular opening), the other piece can be made to slide up and down directly against it. Prices for 4 x 5, \$1 25; 5 x 8 and 6½ x 8½, \$1 50. Larger sizes to order.

*Prosch's "Eclipse" Shutter.*

FRONT.

Guaranteed Perfect in Construction, Perfect in Operation, Profitable to Use.

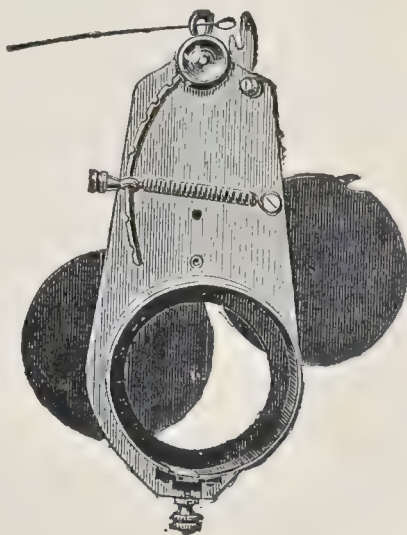
The well-merited popularity of this instantaneous view Shutter is attested by its use, the country over, by the best expert Professional and Amateur Photographers.

*SIZES AND PRICES.*

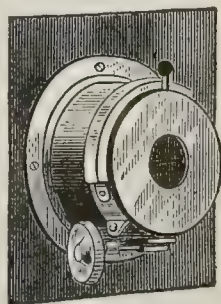
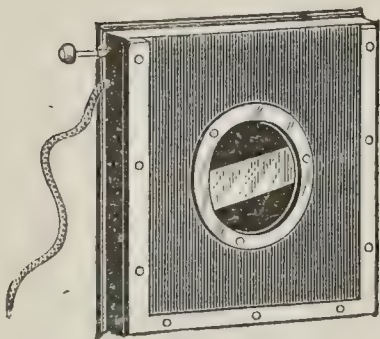
		Ins. diam.	
No. 0, for hoods up to	$1\frac{3}{8}$	.....	\$7 00
" 1, "	$1\frac{7}{8}$	.....	7 00
" 2, "	$2\frac{3}{8}$	.....	7 50
" 3, "	$2\frac{7}{8}$	.....	8 00
" 4, "	$3\frac{3}{8}$	.....	8 75

Combination Hair Trigger and Pneumatic Release, \$1.25 extra.

Descriptive circulars on application.



BACK.

*The Hitchcock Photographic Shutter.*

This shutter is adapted for all photographic purposes.

Among the advantages possessed over all other shutters now in use may be enumerated the following :

1st.—It can be attached to the front board of any size. It works without friction and is noiseless. It is rapid or slow at the will of the operator. It opens and closes from center to center, thus excluding the diffused or scattering rays. There is no recoil or jar in the operation.

Directions for use accompany each shutter.

Price for single instrument attached to head-block :

5½ inch opening, with cable,	.	.	.	\$8 00
4½ inch " " " "	.	.	.	7 50
2½ inch " " " "	.	.	.	6 00
1½ inch " " " "	.	.	.	5 00

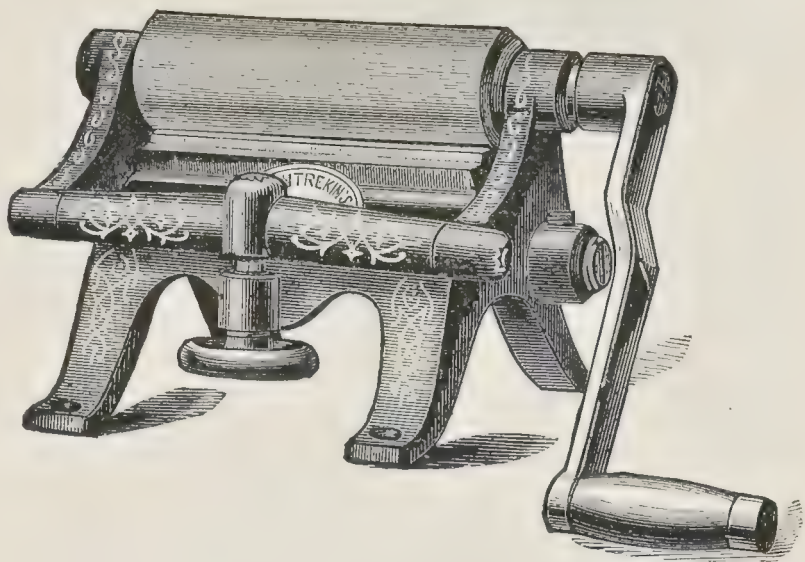
In ordering the above style of shutter, if more than one tube is used, you should be provided with a separate slide for each tube to fit the grooves provided for that purpose on shutter front as shown in cut. Extra slides, . . . 50 cents each.



*Entrekin's Eureka Burnisher.*

The superiority of the Eureka Burnisher consists in its cheapness, simplicity and effectiveness, and the impossibility of the machine getting out of order.

The Burnisher can be heated with any kind of lamp—alcohol, coal oil, or gas. During the process of heating, the roll can be turned back from the burnishing tool, thereby preventing the condensation of moisture forming on the roll or tool.



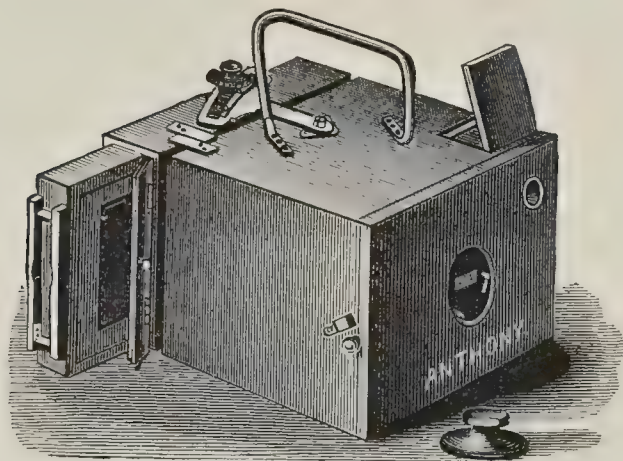
To dress the burnishing tool, the roll is simply turned back from the tool in an instant. No hot plates to handle, and consequently no burnt fingers.

The machine has also the patent removable burnishing tool, which is a decided advantage.

6 inch Roll, . . \$15 00 | 10 inch Roll, . . \$25 00

*Schmid's Patent Detective Camera.*

PATENTED JAN. 2ND. 1883.



The lightest, neatest and most compact camera ever made. Height, 6 inches ; length,  $9\frac{1}{2}$  inches ; width,  $6\frac{3}{4}$  inches. Total weight of camera, lens, shutter and double dry plate-holder, only  $3\frac{1}{8}$  lbs.

This camera is focussed once for all by means of a ground glass which slides in the place to be afterward occupied by the double dry plate-holder, for objects of various distances, and the position of the focussing lever on top of the camera is marked for each distance. After this the ground glass may be entirely dispensed with, as it is then only necessary to estimate the distance of the object to be photographed and move the focussing lever to the mark corresponding to that distance, when the camera will obviously be in focus.

The small lens in the upper left hand corner serves to throw the picture on a piece of ground glass on the top of the cam-

era, thus showing the position of the image on the plate. When the picture appears in proper position on this ground glass, it is only necessary to touch the button on the right of the camera and the exposure of the plate is instantly made, its development being afterward accomplished in the ordinary manner.

The slide is then replaced in the plate-holder, which, being reversed, the shutter reset and the other slide drawn out, everything is ready for the next shot.

Price complete, including camera, E. A. Rapid lens, shutter and one double dry plate-holder for plates of  $3\frac{1}{4} \times 4\frac{1}{4}$  inches, . . . . . \$55 00

For 4 x 5 plates, . . . . . 60 00

Fitted with a Dallmeyer lens for  $3\frac{1}{4} \times 4\frac{1}{4}$  plates, . . . 77 00

“ “ “ “ 4 x 5 “ . . . 82 00

Additional double dry plate-holders, for  $3\frac{1}{4} \times 4\frac{1}{4}$  plates, each, . . . . . 2 00

Additional double dry plate-holders, for 4 x 5 plates, each, . . . . . 2 25

### *Glass Stirring Rods.*

8 inch, each, . . .	\$0 10	15 inch, each, . . .	\$0 20
12 “ . . .	15	18 “ . . .	25

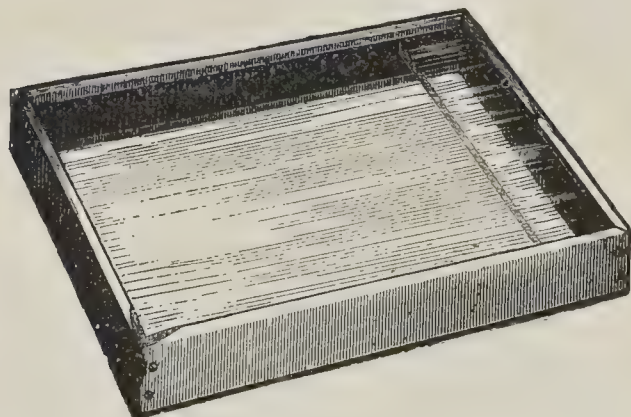
Both ends are glaze finished.

### *Porcelain Developing Trays.*

(The dimensions given are for inside the bottom of the tray.)

	Shallow.	Deep.		Shallow.	Deep.
5 x 7,	\$0 44	\$0 62	8 x 10,	\$0 82	\$1 00
7 x 9,	66	82	10 x 12,	1 32	1 66



*Glass Bottom Dry Plate Developing Trays.*

These trays are selling rapidly. They are made of hard wood, lined with chemical proof substance, with chamber at one end to inspect the progress of development of plate. Raise the tray and look through it; if not complete, return the tray to its former position and the developer flows back.

For 5 x 7 plate, each,	.	.	.	.	\$1 10
" 5 x 8 " "	.	.	.	.	1 10
" 8 x 10 " "	.	.	.	.	1 75
" 11 x 14 " "	.	.	.	.	2 75

Larger sizes made to order. They are now made with two glass buttons in the bottom, to overcome suction.

*Anthony's New Varnish for Gelatine Dry Plate Negatives.*

Full directions for use on each bottle.

Price, per 6 oz. bot., \$0 40; pint, \$1 00; quart, \$1 90.

***Anthony's New Transparency Dry Plates.***

For lantern slides, window transparencies, micro-enlargements, contact printing, duplicating negatives, and line work for photo-engraving. They work in half the time of the old collodion plates, and require no intensifying. Made in all sizes from 8 x 10 down to  $3\frac{1}{4} \times 4\frac{1}{4}$ . Send for circular and read what is said of them. Prices :

$3\frac{1}{4} \times 4$ , per dozen, .	\$0 70	$5 \times 7$ , per dozen, .	\$1 80
$4 \times 5$ " .	1 05	$5 \times 8$ , " .	2 00
$4\frac{1}{4} \times 5\frac{1}{2}$ " .	1 10	$6\frac{1}{2} \times 8\frac{1}{2}$ , " .	2 50
$4\frac{1}{2} \times 6\frac{1}{2}$ " .	1 35	$8 \times 10$ , " .	3 75

***Transparency Frames***

Are made with rings on the side to make them hang horizontally, or with rings on the end to allow them to hang vertically. In ordering, please specify which pattern is desired.

4 x 5 inch Transparency Frames, each, .	\$0 20
$4\frac{1}{4} \times 5\frac{1}{2}$ " " " " .	24
5 x 8 " " " " .	26
$6\frac{1}{2} \times 8\frac{1}{2}$ " " " " .	30
8 x 10 " " " " .	36
10 x 12 " " " " .	60
11 x 14 " " " " .	75

***Patented Transparency Frames.***

These are made with one side removable, enabling the transparency to slide into the frame easily and without danger

of breaking. They are also made to hang either vertically or horizontally.

4 x 5 inches, each, \$0 28	8 x 10 inches, each, \$0 48
5 x 8 " " 34	10 x 12 " " 75
6½ x 8½ " " 38	11 x 14 " " 90

### *Carbon Transparencies.*

A choice selection of attractive subjects from steel plate engravings.

8 x 10 in patent nickel-plated frames, each,	\$2 00
11 x 14 " " " "	3 50

### *Ground Glasses for Transparencies.*

4 x 5, each, . \$0 10	6½ x 8½, each, . \$0 26
4¼ x 6½, " . 13	8 x 10, " . 32
5 x 8, " . 18	

### *Etched Glasses for Transparencies.*

Fancy borders, 8 x 10, with opening of 5¼ x 7¼ inches, each, . . . . .	\$0 55
Fancy borders, 11 x 14, with opening of 6¼ x 9½ inches, each, . . . . .	1 00

### *Orange and Ruby Glass.*

*For Dark Rooms.*

8 x 10, per light, . \$0 30	13 x 16, per light, . \$0 70
10 x 12, " . 50	12 x 20, " . 80
11 x 14, " . 55	

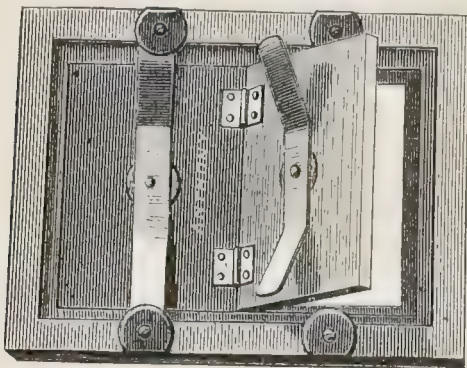


### Printing Outfits.

*4 x 5 Printing Outfit.*—2 dozen 4 x 5 sensitized albumen paper; blue litmus paper; chloride gold (A); bicarbonate of soda (B); acetate of soda (C); chloride of sodium (D); 1 lb. hyposulphite soda; 1 printing-frame, 4 x 5; 1 4 x 5 japanned developing tray; ½ oz. graduate; 1 5 x 7 porcelain tray (deep); 1 jar of paste; 1 one inch paste brush; 1 glass pattern, 4 x 5; 1 Robinson straight trimmer; 24 sheets 6½ x 8½ cardboard. Price, \$4 75.

$4\frac{1}{4} \times 6\frac{1}{2}$	<i>Printing Outfit as above,</i>	Price, . .	\$5 75
5 x 8	“ “ “ “	. .	6 00
$6\frac{1}{2} \times 8\frac{1}{2}$	“ “ “ “	. .	6 75
8 x 10	“ “ “ “	. .	7 75

### Printing Frames.



These are provided with brass washers, that greatly preserve the wood-work from otherwise constant friction.

Size, $3\frac{1}{4} \times 4\frac{1}{4}$ , each,	\$0 45	Size, 5 x 8, each,	\$0 60
“ 4 x 5, “	45	“ $6\frac{1}{2} \times 8\frac{1}{2}$ , “	65
“ $4\frac{1}{4} \times 6\frac{1}{2}$ , “	55	“ 8 x 10, “	75

### *Anthony's Patent Rapid Printing Paper.*

*Requires Neither Toning nor Sunlight.*

This paper being prepared with the same substance as used on the gelatine dry plates, it requires no other chemicals for its development than those employed in the development of the negative, which is a great convenience in travelling. It must consequently always be used in a room free from actinic light.

#### GLOSSY.

Roll of five sheets, $12\frac{1}{2}$ x 19 inches, extra heavy,	\$1 75
Per package of 1 dozen, 8 x 10 sheets, . . .	1 50
" " 1 " $6\frac{1}{2}$ x $8\frac{1}{2}$ " . . .	1 10
" " 1 " 5 x 8 " . . .	75
" " 1 " 4 x 5 " . . .	40

#### PLAIN.

Per box of 12 sheets, each 4 x 5 inches, . .	40
" 12 " " 5 x 8 " . .	75
" 12 " " $6\frac{1}{2}$ x $8\frac{1}{2}$ " . .	1 10
" 12 " " 8 x 10 " . .	1 50
Per roll of five sheets, measuring 11 x 18 inches,	\$1 50
" one sheet, " $29\frac{1}{2}$ x 393	18 00
" " " " $29\frac{1}{2}$ x 196	9 00
" " " " $29\frac{1}{2}$ x 98	4 50

### *Anthony's Extra Glossy Ready Sensitized Albumen Paper.*

This paper was expressly manufactured for and introduced by us to give to those who have not the skill, time, inclination or appliances to sensitize photographic paper preparatory

to printing, an article of the finest quality and of uniform sensitiveness.

4 x 5 in., in light-tight boxes of 2 doz., per box	\$0 40
5 x 8 " " " 2 " "	75
6½ x 8½ " " " 2 " "	1 00
8 x 10 " " " 2 " "	1 50
18 x 22 " " " " "	per doz. 3 00

To save loss boxes are not broken.

### *E. A. Ferro-prussiate Paper, for Making Blue and White Pictures.*

This requires no chemicals in its development. It is merely printed for about ten minutes in the sunlight and then washed thoroughly in clean water.

This paper is extremely simple in its manipulation, and therefore very convenient for making proofs from negatives. It is also adapted for the reproduction of Mottoes, Plans, Drawings, Manuscript, Circulars, and to show representations of Scenery, Boats, Machinery, etc., for an engraver to copy from. The rapidity with which a print can be made with this paper is, for numerous purposes, and to men in some occupations, a very great recommendation in its favor.

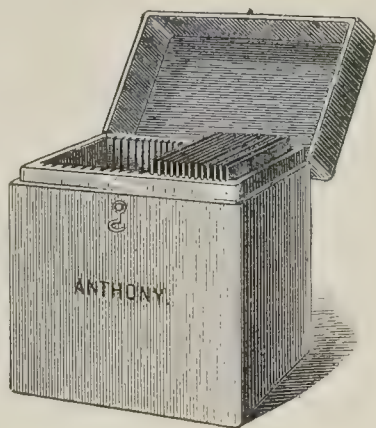
4 x 5 in., in light-tight boxes of 3 doz., per box	\$0 45
5 x 8 " " " 3 " "	90
6½ x 8½ " " " 3 " "	1 20
8 x 10 " " " 3 " "	1 50

To save loss boxes are not broken. In full rolls of 11 yards each, 29 inches wide, \$5 00 per roll.



### *Negative Boxes.*

For storing negatives. They are smoothly made, with grooves each side, and have nicely rounded corners. Prices, holding 24 plates, each, 4 x 5, 65 cents ; 5 x 8, 85 cents ; 6½ x 8½, 95 cents ; 8 x 10, \$1 10.

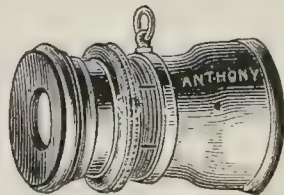


### *Anthony's Folding Negative Rack.*

Anthony's Folding Negative Rack, for holding plates while drying ; when not in use it can be folded and hung on a nail. Price, 50 cents each.



### *E. A. Compound Focussing Glass.*



For fine work the E. A. compound focussing glass is the best. It has a double compound lens. The price is \$2 50.

*Amateurs' Card Stock.*

## PLAIN CARDBOARD.

No. 2.	6½ x 8½ per 100,	. . . . .	\$1 00
" 2.	8 x 10 "	. . . . .	1 50
" 2.	10 x 12 "	. . . . .	2 25

## PLAIN CARDBOARD WITH PLAIN GILT SQUARE BORDERS.

No. 2.	6½ x 8½, opening 4 x 5, per 100,	. . . . .	\$1 88
" 2.	9 x 11, " 5 x 8, "	. . . . .	2 58
" 2.	10 x 12 " 6 x 8, "	. . . . .	3 38

## BLACK CARDBOARD.

No. 13.	Imperial 6½ x 8½, per 100,	. . . . .	\$3 80
" 13.	" 6¾ x 9¾, "	. . . . .	4 30

## CARD AND CABINET MOUNTS, ETC.

No. 5.	Round Corner Card Mounts, per 100,	. . . . .	\$0 40
" 5.	" Cabinet " "	. . . . .	90
" 9.	" 4 x 5 " "	. . . . .	90
" 9.	" Boudoir " "	. . . . .	1 80

## BLACK CARDBOARD WITH GILT BEVELLED EDGES.

No. 43.	Card size, per 100,	. . . . .	\$1 05
" 43.	Cabinet size, per 100,	. . . . .	2 00
" 26.	4 x 5 size,	. . . . .	2 10
" 26.	Boudoir, 5¼ x 8½, per 100,	. . . . .	3 40

## STEREOSCOPIC MOUNTS, No. 5, PER 100.

3½ x 7, \$0 70; 4 x 7, \$0 80; 4¼ x 7, \$0 85;  
4½ x 7, \$0 95.

Complete catalogue of card stock sent on application.



*A New Paste for Mounting Photographs.*

After a long series of experiments our Mr. H. T. Anthony has succeeded in making a paste which is far superior to any thing of the kind in market. It is warranted not to ferment, become sour, or mouldy, and never to become offensive. It will remain moist, even after much exposure to the air, and it possesses a pleasing pearly color. Its adhesive properties are unsurpassed, and, like starch, it leaves no stain upon the card mount. If found too thick it can be readily thinned by the use of cold water, and it will *keep* for any length of time, no matter what may be the temperature.

$\frac{1}{2}$ pint jar, . . .	\$0 25	$\frac{1}{2}$ gallon, . . .	\$1 00
1 " . . .	45	1 " . . .	2 00
1 quart jar, . . .	65	5 " keg, . . .	3 00
1 pint bottle, . . .	30	10 " " . . .	5 50
1 quart " . . .	50		



### *Materials for Mounting.*

Flat bristle paste brush, 1 inch wide,	. . .	\$0 15
100 Carte de visite mounts, fine quality,	. .	30
50 Cabinet mounts, fine quality,	. . . .	38
8 x 10 White cardboard, fine quality, per doz.		25
Glass pattern for trimming cartes de visite,	. .	25
“ “ “ “ “ “ “ “ “ “ “ “	. . .	50
“ Stereo. cards—square or arch, each,		40
“ Victoria cards—oval, arch, or R. C., ea.,		40
“ 4 x 5 inches, each,	. . . . .	50
“ 5 x 8 “ “ “ “ “ “ “ “ “ “	. . . . .	1 00

### Rubber Gloves.

Just the thing to keep pyrogallic acid off the hands of those who prefer the pyrogallic developer.

Sizes, ladies' long, Nos. 7, 8 and 9, per pair,	\$1 50
“ “ short, “ “ “ “	1 25
“ gents' long, “ 12, 13 and 14, “	1 65
“ “ short, “ “ “	1 35

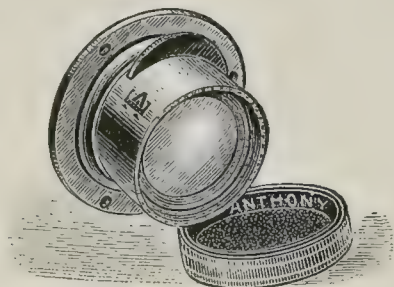
### *Rubber Finger Cots.*

Price, assorted sizes, \$1 00 per dozen.

*Robinson's Straight Trimmers.*

For trimming photographs, each, \$0 50.

### *E. A. Wide Angle Lens.*



This lens being of short focus and of wide angle, and made on the rectilinear principle, is a useful one for architectural photography, and is not equalled at the price by any in market. Those who cannot afford *the best*—the Dallmeyer—will find this an excellent substitute.

No. 2, 5 x 8, . . .	\$17 50	No. 4, 10 x 12, . . .	\$25 00
No. 3, 8 x 10, . . .	20 00		

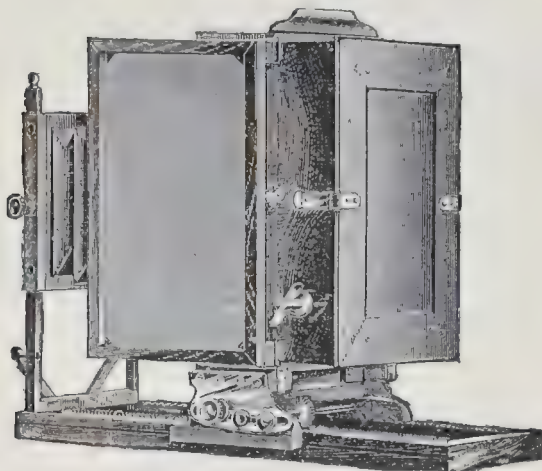
### *Ebonite Tray.*

It is easily kept clean, and has a polished surface of high



finish. Two slightly raised ridges on the bottom prevent the plate from adhering to the tray.

No. 1, for $\frac{1}{4}$ size, .	\$0 25	No. 5, $6\frac{1}{2}$ x $8\frac{1}{2}$ size, .	0 80
No. 2, $\frac{1}{2}$ and 4 x 5 size, .	0 27	No. 6, 8 x 10 size, .	1 30
No. 3, $4\frac{1}{4}$ x $6\frac{1}{2}$ size, .	0 40	No. 7, 10 x 12 size, .	2 40
No. 4, 5 x 7 and 5 x 8 size, .	0 60	No. 8, 11 x 14 size, .	3 20

*Eastman's Roll Holders.*

Fitted to 5 x 8 Fairy Camera .....	\$16 00
“ 5 x 8 Novel “ .....	16 00
“ 8 x 10 “ “ .....	24 00

We have the above in stock and are prepared to fill orders for same promptly without extra charge for fitting the holders to cameras.

Other goods of the Eastman Co. will be furnished at the following prices :

Negative Paper Outfits for making Paper Negatives in ordinary holders. Contents, 2 doz. 5 x 8 Negative Paper ; 1 8-oz. bottle Developer ; 1 8-oz. bottle Castor Oil ; 1 6-in. Vel. Rubber Squeegee ; 2 5 x 8 Carriers, complete.

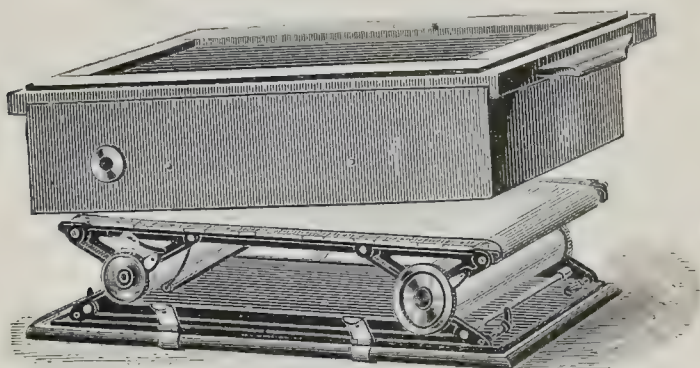
5 x 8 Outfit, complete with Carriers  $\frac{1}{8}$  inch thick for Dry

Plate Holders, put up in neat box, price.....\$3 50

5 x 7 Outfit, complete with Carriers  $\frac{3}{16}$  inch thick for Wet

Plate Holders, put up in neat box, price..... 3 00





### *Roll Holders.*

4 x 5	.....	\$12 00
*4½ x 7½	.....	16 00
5 x 8	.....	16 00
6½ x 8½	.....	20 00
8 x 10	.....	24 00

\* This size is made for 5 x 8 Fairy Cameras, which are smaller than any other regular 5 x 8 Camera.

Holders of other sizes to order.

Fitting Holders to Cameras, extra.

### *Roll Holders—Extra Parts.*

Extra Keys, each. .... 35c.

“ Reels, “ ..... 75c.

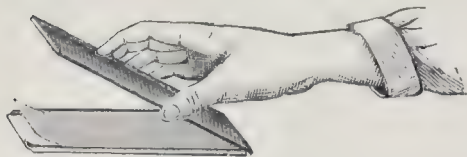
All parts of Roll Holders are made interchangeable, and any part can be furnished on application.

### *Film Carriers.*

$\frac{1}{8}$  inch thick, for Dry Plate Holders.

$3\frac{1}{4}$ x $4\frac{1}{4}$ , each.	25c.
4 x 5, “	30c.
5 x 8, “	35c.
$6\frac{1}{2}$ x $8\frac{1}{2}$ , “	40c.
8 x 10, “	50c.

Five sizes only.

**Film Carriers.**

$\frac{3}{16}$  inch thick, for Wet Plate Holders.

5	x	7,	each	35c.
5	x	8,	"	40c.
6 $\frac{1}{2}$	x	8 $\frac{1}{2}$ ,	"	45c.
8	x	10,	"	50c.
10	x	12,	"	60c.
11	x	14,	"	75c.

Other sizes in proportion.

**Negative Paper—Cut Sheets.**

3 $\frac{1}{4}$	x	4 $\frac{1}{4}$ ,	two dozen in box	\$ 65
4	x	5,	" " "	90
5	x	7,	" " "	1 55
5	x	8,	" " "	1 75
6 $\frac{1}{2}$	x	8 $\frac{1}{2}$ ,	" " "	2 45
8	x	10,	" " "	3 50
10	x	12,	one " "	2 60
11	x	14,	" " "	3 50

Packed flat. Other sizes in proportion.

**Negative Paper**

ON SPOOLS TO FIT ROLL HOLDER.

4	inch for 2 dozen	4	x	5	exposures	\$1 00
4 $\frac{1}{2}$	"	2	"	4 $\frac{1}{2}$	x 7 $\frac{1}{2}$	1 80
5	"	2	"	5	x 7	2 00
6 $\frac{1}{2}$	"	2	"	6 $\frac{1}{2}$	x 8 $\frac{1}{2}$	2 70
8	"	2	"	8	x 10	4 00

*Squeegees—Velvet Rubber.*

6 inch.....	40c.
8 " .....	50c.
12 " .....	75c.

*Hard Rubber Plates*

FOR DRYING PAPER NEGATIVES.

4 x 5, $\frac{1}{16}$ in. thick....	10c.	$\frac{5}{64}$ in. thick, each.....	15c.
5 x 7, " .....	18c.	" " .....	27c.
5 x 8, " .....	20c.	" " .....	30c.
$6\frac{1}{2}$ x $8\frac{1}{2}$ , " .....	30c.	" " .....	45c.
8 x 10, " .....	40c.	" " .....	60c.

*Glass Dry Plates.*

EASTMAN "SPECIAL" PLATES.

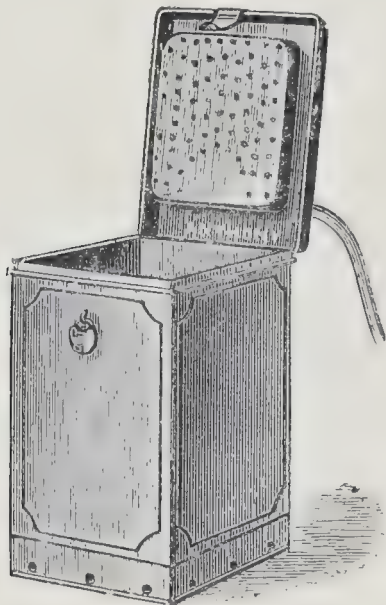
Size $3\frac{1}{4}$ x $4\frac{1}{4}$ , per dozen.....	\$ 45
" 4 x 5, " .....	65
" $4\frac{1}{4}$ x $5\frac{1}{2}$ , " .....	75
" $4\frac{1}{4}$ x $6\frac{1}{2}$ , " .....	90
" 5 x 7, " .....	1 10
" 5 x 8, " .....	1 25
" $6\frac{1}{2}$ x $8\frac{1}{2}$ , " .....	1 65
" 8 x 10, " .....	2 40
" 10 x 12, " .....	3 80
" 11 x 14*, " .....	5 00
" 14 x 17*, " .....	9 00
" 16 x 20*, " .....	12 50
" 17 x 20*, " .....	13 00
" 18 x 22*, " .....	15 50
" 20 x 24*, " .....	18 50

\* Double Thick Glass, half dozen in package.



## *The Anthony Self-Changing Shower Washing Box.*

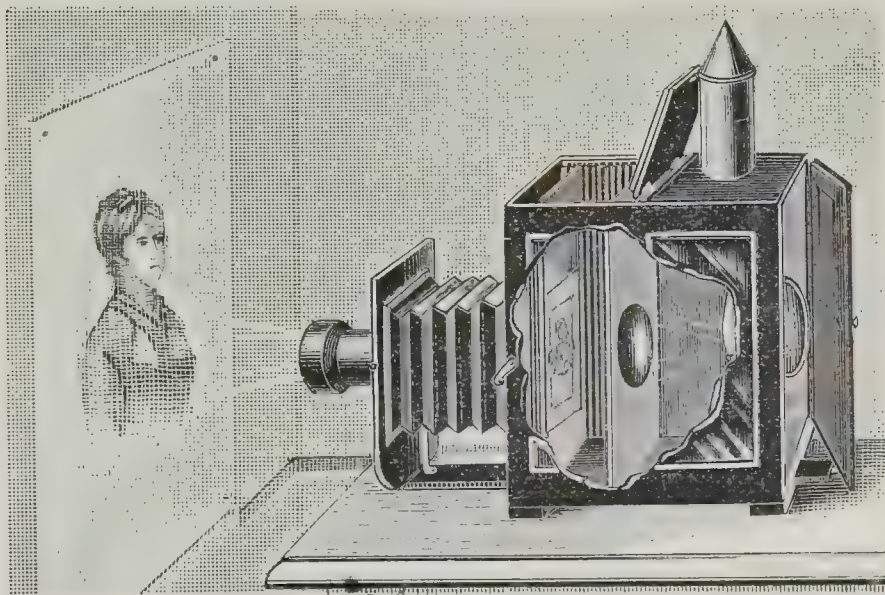
(PATENT APPLIED FOR.)



The Anthony Self-Changing Shower Washing Box for dry-plate negatives is a nicely-constructed and convenient apparatus. Made substantially, and well japanned inside and out, it has interior grooves in which either 5 x 8 or 8 x 10 negatives may be placed. When the negatives are introduced, the hose is attached to a faucet; the lid is now closed and locked if desired, and the water turned on.

It will be seen that the water enters the washer from above, and that the inside of the lid is made in the form of a perforated fountain, which discharges a spray over the plates. When the negatives are entirely submerged, the water is all drawn off by means of a self-acting syphon, and the process of showering is repeated.

With this apparatus the hypo can be thoroughly eliminated from the gelatine film in from fifteen minutes to half an hour. The change of water is continuous. Price, \$5 00.

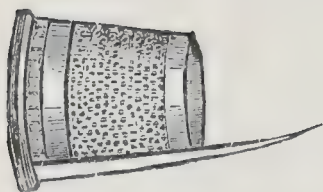
*Anthony's New Enlarging Camera.*

The great merit of this New Enlarging Camera is its simplicity of construction, economy, and practical usefulness. It is intended for making enlargements on gelatino-bromide rapid printing paper by artificial light, requiring only from thirty to sixty seconds' exposure for a life-size head. Another purpose for which it admirably serves is that of a dark-room lantern. All of them are provided with non-actinic glass panels in the sides of the camera. It can also be used as a copying camera for making lantern transparencies.

Grooves in the interior admit of changing the relative positions of the negative and condensing lens. It is very compact, the size being 18 x 15 x 8 inches. A larger size is in course of preparation.

Price, \$20 ; including one quarter-size E. A. portrait lens, \$28 75.

### ***The Efficient Plate Lifter.***



This Plate Lifter is very nearly like an ordinary open-end thimble with a pointed piece of metal soldered securely to it, as shown in the illustration.

Where a number of plates are developed in one dish, this Plate Lifter is not only a convenience, but quite a necessity.

Price, 15 cents each.

### ***Photographer's Note Book.***

The most compact and simple for recording exposures, and containing perforated sheet numbers for 288 negatives, with pages for recording number of holder, progressive number, date, subject, time, lens, focus, diaphragm, time of day, plate and general remarks. Neatly and strongly bound, measuring 3 x 4  $\frac{1}{4}$  inches.

Price, including pencil, 25 cents each.

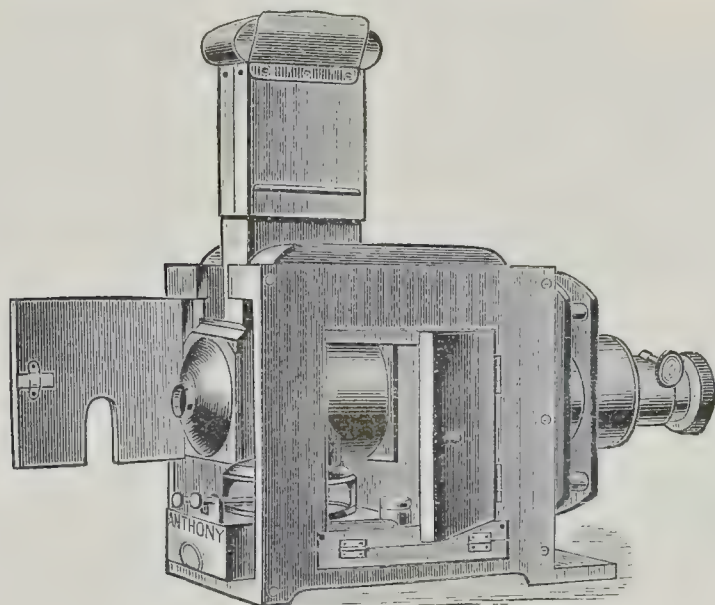
### ***Pyrogallie Developing Powders.***

FIFTY POWDERS IN A BOX.

Price, per Box, - - - 60 Cents.

Each one of these powders contains five grains of developer, and it is only necessary to add one powder to two ounces of water and a few drops of liquor ammonia. The convenience of these powders for traveling purposes is at once apparent.



*Anthony's Triplexicon Magic Lantern.*

We have seen many lanterns in our time, but in several respects this eclipses them all, and especially those for use with kerosene oil only. The lamp itself is completely shielded with a well-made hood of Russian iron, and is provided with the patent triplex wick, which affords the utmost illumination obtainable with any oil light. The back and front of the hood are closed interiorly by glass plates, specially annealed to withstand extreme heat, and the rear one is again closed by perforated sheet iron covered interiorly with a highly-polished metallic reflector, back of which is inserted an eye-piece of ruby glass. The latter enables one to always observe the condition of the flame and wicks, and regulate them without disturbing or discontinuing the action of the instrument. The chimney is made telescopic, to pack more compactly.

The diffusing lens, specially constructed for the purpose, is mounted on a cylindrical slide, to extend, if necessary, the

focal distance, while the condensing lenses, which are of four-inch diameter and can be separated for cleaning, are inserted in a corresponding slide within the wooden case.

The case itself is quite compact, and appears very ornamental in its highly-polished mahogany, with its little hinged ventilators on either side at the bottom. The metal front is burnished, and has a spiral spring adapter for the admission of the slides. A substantial wooden box contains all, and serves also as a table for the instrument while in use.

Altogether, this is the finest example of its kind we have yet seen. It will also serve admirably for enlargements with the gelatino-bromide paper. It is destined to become very popular. Price \$40 00.

### *Anthony's New Economical Developer.*

This developer is put up in a highly concentrated form, keeps well, and will perform nearly twice the work of any similar developer. Being in one solution, its management is easily understood by the beginner, who is often "all at sea" with developers put up in separate solutions. It stands unrivaled as a dry-plate developer, and is extremely quick in action. It can be used with any brand of plates, giving beautifully soft negatives. To those who are desirous of avoiding the trouble of preparing their own developers it will recommend itself on the very first trial; and that it will figure as a valuable item in the traveler's photographic outfit goes without saying. All who have used this developer thus far express themselves as delighted with it. With this solution under-exposed plates will bear prolonged and forced development without showing the least tendency to become veiled or hazed in the shadows, as is so common with most developers.

Price, per bottle, 40 cents.

*Improved Focusing Lever for Cameras.*  
*Self-Fastening.*

(PATENTED MAY 23, 1882.)

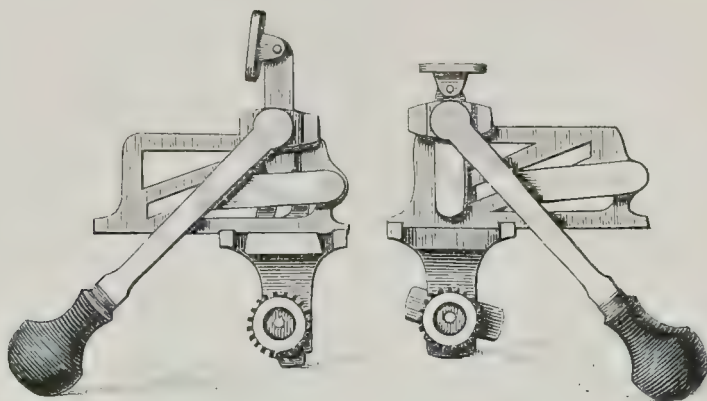


FIG. 1.

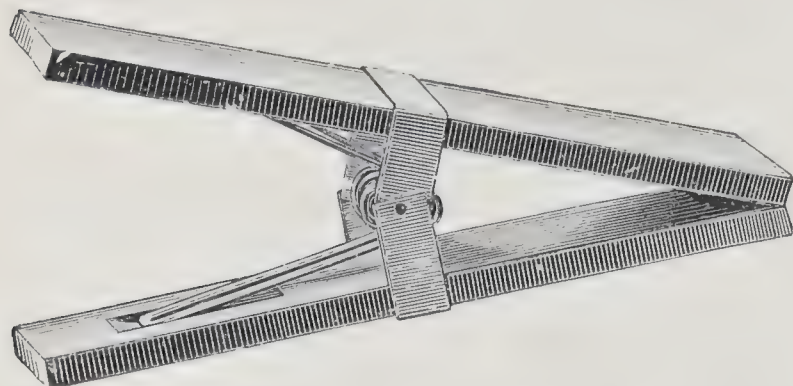
FIG. 2.

The annexed cuts will illustrate our new patented Focusing Lever for Cameras, which, when placed in proper position, needs no set screw to keep the plate in focus. It may be described as follows :

On one end is a small plate which is to be fastened to the sliding part of the camera. The remainder runs regularly in the slot in the center rail, the same as the ordinary style. To focus, the milled screw at the rear end of the attachment is loosened, and the lever brought directly over it. A general focus is then secured, and the attachment fastened firmly by the screw. Then by pushing the lever to the right or left the exact focus is obtained, and the lever needs no fastening, as the motion forward and back can only be made by moving the lever.

Fig. 1 represents the lever thrown to the left, repelling the rear part of the camera, or shortening the focus. Fig. 2 shows the effect of reversing the motion. Price each, nickel-plated, \$2 50.



*Lockwood's Patent Photo Clips.*

These are the most desirable articles of their class to be found in market, being substantially made in best manner, and the fact that they never break or give way in any particular must recommend them to all. The springs are made of first quality brass wire, and the wood is very hard and durable. They are made in two sizes and various styles, as follows, the cut showing exact size of the large clip :

No.	Full gross.	Less per doz.
15 A, small, $2\frac{1}{2}$ inches, plain, chamfered .....	\$6 00	55 cents.
15 B, " " " with hook, chamfered.....	6 75	60 "
15, " " " and hole, chamfered..	7 20	65 "
1, large, plain.....	7 20	65 "
14, " with hook.....	8 10	70 "
17, " " hole, chamfered.....	8 25	75 "
18, " " hook and hole, chamfered .....	8 25	75 "

These can also be furnished in Rosewood or Ebony, highly polished, chamfered, and metal work nickel plated :

No.	Full gross.	Less per doz.
16, small, with hook and hole.....	\$20 00	\$1 80
9, large, with hole only .....	27 50	2 40
9, extra, $3\frac{1}{2}$ inch, with hole only.....	31 00	2 75

Besides the clips, Mr. Lockwood also supplies No. 12 Spring Clothes Pin, full gross, \$7 20 ; less per doz., 65 cents. (For Photo uses we find No. 14 largely demanded.)

# ANTHONY'S SERIES

OF

## PHOTO PUBLICATIONS.

◆◆◆

- No. 1. **Lea's Manual of Photography.** Second edition, octavo, cloth, 440 pp. ; fine toned paper ; 150 wood-cuts. The most scholarly work of its kind. \$3.75.
- No. 2. **The Silver Sunbeam.** By Prof. Towler, M. D. Ninth edition. Cloth, 650 pp. ; large 12mo. The most popular and complete of all the photographic manuals. 100 wood-cuts. \$3.00.
- No. 3. **El Rayo Solar.** (Spanish.) Octavo, cloth, 439 pp. ; fine toned paper. The only reliable treatise on the art in that language. Second edition. \$6.00.
- No. 4. **How to Paint Photographs.** By Geo. B. Ayres. Sixth edition. Cloth, 208 pp. Revised and enlarged and brought up to every present requirement. Price again reduced to \$1.00.
- No. 5. **The Ferrotypes and How to Make It.** By E. M. Estabrooke. Fourth edition. Cloth, 176 pp. 12mo. The standard. \$1.00.
- No. 6. **The Art of Retouching.** Revised by the author, Mr. J. P. Ourdan. Cloth, large 12mo. Tinted supercalendered paper. Illustrated with lithographic drawings, photographs and wood-cuts. \$1.00.
- No. 7. **Modern Dry Plates, or Emulsion Photography.** By Dr. J. M. Eder, the eminent German authority on Gelatine, translated by Mr. Horace Milner and edited by Mr. H. Baden Pritchard, F.C.S. 138 pp. large 12mo., cloth, \$1.00 ; in paper cover, 30 cents
- No. 8. **The Art and Practice of Silver Printing.** By Capt. W. de W. Abney and Mr. H. P. Robinson. 128 pp. large 12mo., cloth, 75 cents ; in paper, 30 cents.

- No. 9. The A B C of Modern Dry Plate Photography.**  
By W. K. Burton, C. E. 84 pp., paper, 20 cents. (Out of print.)
- No. 10. The (Photographic) Studios of Europe.** By H. Baden Pritchard, F.C.S., 280 pp. large 12mo. ; 40 woodcuts. The cheapest and most practical hand-book ever published. Cloth, \$1.00 ; in paper cover, 50 cents.
- No. 11. Elementary Treatise of Photographic Chemistry.**  
By Arnold Spiller, 72 pp., paper cover, illustrated. Companion to the A B C of Modern Photography. 25 cents.
- No. 12. How to Make Photographs.** By T. C. Roche, edited by Mr. H. T. Anthony. The best, most comprehensive and reliable work published on Amateur Photography. Illustrated. Upwards of 100 pp., paper, 50 cents. ; cloth, 75 cents.
- No. 13. La Fotografia Hecha Facil.** The Spanish Edition of How to Make Photographs. A complete manual of dry plate photography. Cloth, \$1.00.
- No. 14. Wie Photographische Bilder Gemacht werden.**  
The German Edition of How to Make Photographs. Cloth, \$1.00.
- No. 15. Comment on Fait Les Photographies.** The French Edition of How to Make Photographs. Cloth, \$1.00.
- No. 16. About Photography and Photographers.** By H. Baden Pritchard. Regular edition, \$1.00 ; pocket edition, 30 cents.
- No. 17. Como Fazer Photographias.** The Portuguese edition of How to Make Photographs. Cloth, \$1.00.
- Vol. XVI. Anthony's Photographic Bulletin.** 32 pp. octavo semi-monthly. The most popular photographic journal in America. Illustrated, \$2.00 per annum, in advance.

*In addition to the foregoing, we shall be happy to supply any of the following :*

Vogel's Hand-Book of Practical and Artistic Photography.  
Second edition, \$3.50.



- The Chemistry and Light of Photography. By H. Vogel.  
\$2.00.
- Progress of Photography since 1879. By Dr. H. Vogel.  
\$3.00.
- Wilson's Photographics. Second edition. \$4.00.
- Burnet's Hints on Composition. \$3.50.
- Year Book of Photography for 1885. 50 cents.
- Back vols. of British Journal Photographic Almanac. 25 cents.
- Back vols. of the Year Book of Photography. 25 cents.
- Mosaics, 1885. Paper cover, 50 cents.
- Pictorial Effects in Photography. Edited by H. P. Robinson.  
Cloth, \$1.50 ; paper cover, \$1.00.
- British Journal of Photography. Edited by W. B. Bolton.  
Weekly, \$5.00 per annum.
- Photographic News, London. Weekly, \$5.00 per annum.
- The Art of Making Portraits in Crayon on Solar Enlargements,  
By E. Long. Price, 50 cents.

---

## THE CRAMER PLATES,

*"EXTRA RAPID" and "LIGHTNING,"*

Have attained their Reputation by Merit alone,  
and not through Advertising.

---

ARE USED BY ALL THE LEADING PHOTO-  
TOGRAPHERS AND AMATEURS.

---

For Sale by all Photo Stock Dealers.

FORMULA AND DIRECTIONS IN EACH PACKAGE.

---

— MANUFACTURED BY —

G. CRAMER DRY PLATE WORKS,  
ST. LOUIS, MO.



## PURE CHEMICALS

Are indispensable to the Professional and Amateur Photographer.

All bearing the above Trade Mark are guaranteed to be unexcelled for Photographic purposes.

— THE —

# E. A. PYROGALLIC ACID

YOU CAN ALWAYS DEPEND UPON.



Recommended as the best by

**WARDLAW, COOPER and ROCHE,**

All of whom are known to every photographer.

**THE STANLEY DRY PLATE CO.,**

**THE EASTMAN DRY PLATE CO.,**

**THE ST. LOUIS DRY PLATE CO.,**

**And Many Others.**

See that it has the E. A. Trade Mark.

Put up in 1 oz. Bottles. | Put up in 8 oz. Cans.

" " 4 " Cans. | " " 16 " "

ASK YOUR DEALER FOR IT.

# CARBUTT'S KEYSTONE



# DRY PLATES.

## WHAT PROFESSIONALS AND AMATEURS SAY OF THEM.

MR. JOHN CARBUTT.

Dear Sir: I inclose you three prints from negatives which I made on your "Special" plates. I think without doubt that you make the finest rapid plate in the market; I have used several makes, but without the success which I can obtain on yours. Hoping you will like the prints inclosed, I am, yours very truly,  
ED. COHEN.

PHILADELPHIA, August 25th, 1885.

JOHN CARBUTT.

Dear Sir: I can hardly say enough in commendation of your "Keystone" Dry Plates, both B's and Special. Your "Specials" give the best effect of any instantaneous plate I have ever used, and as for the B's, they are the best landscape plates that ever went into any of my holders. I have given both grades a good trial; hereafter I shall use no other.  
Very truly yours,  
J. WENDELL, Jr.

NEW CASTLE, N. H., July 7th, 1885.

"I send you photo of iceberg taken in lat. 41 deg. N., long. 50 deg. W. Berg was 151 feet high, 501 feet extreme length; took instantaneous view of it. At time of seeing it there were twenty-five other large bergs in sight. Date, May 10th. Taken on Carbutt's Special Plate (of Philadelphia), which, I think, are better than any English plates I have yet worked."—Correspondence of Capt. GEORGE R. BURTON, S. S. "British Crown," in *Amateur Photographer*.

"Carbutt's 'B' Landscape Plates, in my opinion, are the best plates made in America."—Buffalo correspondence in *Amateur Photographer*, London, August 7th, 1885.

"The Keystone Special I consider to be the most reliable Dry Plate out."

M. P. WARNER, Holyoke, Mass., August 1st, 1885.

"I honestly believe you have made the best plate ever put on the market, at least that has been my experience."

W. B. MILES, Holyoke, Mass.

MR. J. CARBUTT.

My Dear Sir: It gives me pleasure to state that the instantaneous photographs taken of explosions of torpedoes at Newport, R. I., by H. M. Howe, Esq., were unquestionably the best of the kind I have ever seen.  
Yours truly,  
THOS. O. SELFIDGE, Captain U. S. N.

"I like your 'B' plates better than any other make for landscape work, and shall use them exclusively hereafter."

ALBERT E. LEACH, Newtonville, Mass.

J. CARBUTT.

Dear Sir: The plates are at hand, and I am glad they are, for they give better satisfaction, as a whole, than any plates I have used.  
Yours truly,  
E. J. PULLMAN, Washington, D. C.

*There is an elegance of effect in  
your Plates which is unsurpassed  
by any in the Market.*

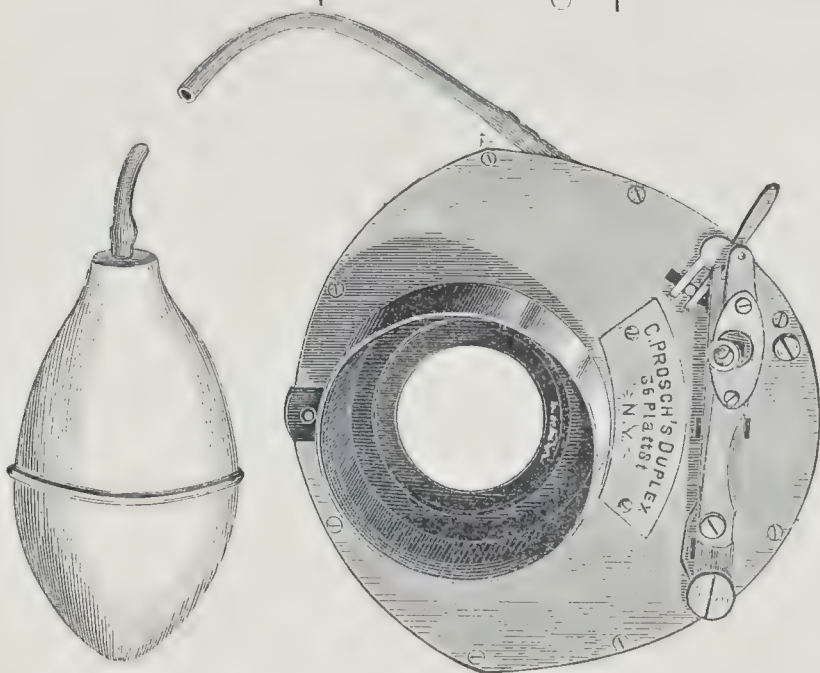
HARTFORD, CONN.,  
July, 1885.

FOR SALE BY ALL DEALERS IN PHOTO MATERIALS,  
And E. & H. T. ANTHONY & CO., NEW YORK.  
JOHN CARBUTT, KEYSTONE DRY PLATE WORKS,  
Wayne Junction, Philadelphia, Pa.



# C. Prosch's "Duplex" Photographic Shutter.

A PERFECT TIME SHUTTER.



A PERFECT INSTANTANEOUS SHUTTER.

WITH this Shutter, the latest production of the inventor of the very popular "Eclipse" Shutter, exposures can be made of any desired duration. *It is equal to any requirement for the most rapid work*, and as a time Shutter exposures can be made as quick as two pulsations can be given to air-bulb (about one-tenth of a second), or it may be of minutes' duration.

"Duplex" Shutters work perfectly with even the very largest lenses up to their full capacity; and *several lenses can be used with the same Shutter*. The Shutter gives a full opening; but yet, by the peculiar opening in the exposure slides, any part of the picture can be favored with more or less illumination, by turning the Shutter (sometimes even inverting it).

The cut shows a front view of a Shutter one-half size, suitable for an 8 x 10 lens. The Shutter is placed midway between the lenses (which constitutes it a diaphragm Shutter) and is arranged with diaphragms of a new design, having a recessed surface.

Descriptive circular and price list sent on application.

**If you would be good to yourself you should have a "Duplex" Shutter.**

Sizes and prices as follows. Larger sizes than here given will be furnished at special price, and the size of lens named for which each Shutter is suitable, is only approximate.

SHUTTER.	OPENING.	FOR LENS.	PRICE.
No. 1	$\frac{3}{4}$ inch.	5 X 6	\$12.00
" 2	1 $\frac{1}{8}$ "	8 X 10	13.00
" 3	1 $\frac{1}{2}$ "	10 X 12	14.00
" 4	2 $\frac{1}{4}$ "	12 X 15	16.00

**CYRUS PROSCH, 36 Platt Street, New York.**

FOR SALE BY

**E. & H. T. ANTHONY & CO.,**  
591 Broadway, New York.

# THE CELEBRATED SUTHER \* LENS HAS JUST RECEIVED A SILVER MEDAL AT THE INTERNATIONAL INVENTIONS EXHIBITION, LONDON, ENGLAND.

Out of numberless testimonials, we select the following:

ALLEN BROTHERS: 239 SUPERIOR ST., CLEVELAND, O., Sept. 9, 1885.  
*Dear Sirs:* The No. 4 A Suter Lens which I have is a remarkably fine one. I am much pleased with it. With great depth and quick action it is all that could be desired.  
Yours truly,  
J. F. RYDER.

ALLEN BROS.: 102 CHAMBERS ST., NEW YORK, Sept. 7, 1885.  
*Gents:* I send you to-day the 3 C Suter Lens. It is a beauty. I have been using it on the same camera, plates and subjects as my pet — lens. The Suter is a superb lens. Its definition, penetration and detail are all I could ask for. Last year I used a 5 B with all the satisfaction that the 3 C has just given me. The 3 C is returned only for the reason that I prefer a 4 C, so as to have longer focus, and so more difference for my work. I shall hereafter use the Suter in my field and interior work, and believe it to be one of the *very finest* lenses on the market, and it is not over-rated in capacity by you.  
Truly,  
THOS. PRAY, JR.,  
Associate Editor and Business Manager.

Messrs. ALLEN BROS.:  
I mail you a 20 x 24 print of *The British Honduras Court of the Exposition*, made from a Suter Lens negative. Were it somebody else's work, I should say some very fine things about it. As an example of lens work, it is one of the most exquisite things I ever saw—and the best negative so far taken in the Exposition. The great variety of material included in the picture has afforded an excellent test and a severe trial for your wonderful lens, but it was fully equal to the work. There are fibrous materials, woods of many kinds, nettings, coarse platted fabrics, leopard skins, sword-fish, furniture, and a hundred other curios all most sharply and beautifully cut and caught. The depth and angle covered by the lens No. 8 B are simply astonishing. If I can continue to secure such results I shall end my work here with as much credit as I did in '76. In the language of Sancho Panza, I would say—"Blessings upon the man who invented the Suter Lens."  
Truly yours,  
EDWARD L. WILSON.

Messrs. ALLEN BROS.:  
*Dear Sirs:* I have tested the Suter Lens which you left with me for trial, and am very much pleased with it. For direct life-size heads I do not think it has its equal. Its illuminating power is wonderful, as well as its rapid action. With it I can make a life-size head in from 10 to 15 seconds. For making large groups it is simply "immense," as it covers a large field with nearly a full opening.  
Yours truly,  
C. D. FREDERICKS.

Price lists sent on application to

## ALLEN BROTHERS,

*Sole Agents for the American Continent,*

NOS. 14 & 16 EAST LARNED STREET,  
DETROIT, MICH.

DAVID TUCKER & CO.,  
410 & 412 MAIN STREET, BUFFALO, N. Y.,

MERCANTILES

IN ALL REQUISITES PERTAINING TO THE

Science of Photography.

PICTURE FRAMES AND MOLDINGS.

HEADQUARTERS FOR AMATEUR PHOTOGRAPHERS.

Call and see our *Outfits* and latest publications, showing *how any one may take photographs.*

DAVID TUCKER.

STEPHEN B. B. CUTS.

ENLARGEMENTS FOR AMATEURS.

The Rockwood Solar Printing Company,  
17 UNION SQUARE, NEW YORK,

Have unusual facilities for making ENLARGED PRINTS from SMALL NEGATIVES. A good 5 x 4 or 5 x 8 negative will give a picture 18 x 22 in the highest degree satisfactory. Send negatives carefully packed, *unaccompanied* if practicable.

LOWER PRICE LIST.

Size, 11 x 14 and under, \$1.00 Unmounted.	\$1.50 Mounted.
" 13 x 16 }	"
" 14 x 17 }	2.00
" 16 x 20 }	"
" 18 x 22.....	2.25

All orders must be accompanied by the cash. Make all P. O. Orders payable to ROCKWOOD SOLAR PRINTING CO., 17 Union Square, New York. Geo. H. ROCKWOOD, Business Manager.

THE  
COLLINS \* CARDS  
--AND--  
CARD-BOARDS

ARE MANUFACTURED ESPECIALLY

For Mounting Photographs,

AND ARE RECOGNIZED BY ALL

AMATEUR PHOTOGRAPHERS

AS THE

BEST IN THE MARKET.



# MULLETT BROS.,

## DEALERS IN

# PHOTOGRAPHERS' SUPPLIES

FOR

Amateur and Professional Photographers.

*A Large and Well-selected Stock at New York Prices.*

MULLETT BROS.,  
No. 518 Walnut Street,  
KANSAS CITY, MO.

### SEAVEY'S BACKGROUND STUDIO, 216 East 9th Street, New York.

**The Gildersleeve Portable Background Support.**  
Specially adapted to home photography, where cumbersome frames cannot be stored. Is adjustable to rooms of various heights, by means of two sliding parallel bars, one of which is shod with a rubber disc and presses against the ceiling without marking. Has two folding arms, on one of which is suspended the background, on the other, at right angles to the first, is hung the reflector, which may be cotton cloth. It folds into a compact package, 8 feet long; weight, 5 lbs. **Price \$6.**

Every Amateur should have at least one Photographic Background. It need not be large or expensive. We have prepared one which will answer all ordinary requirements. It is suitable for full-length, three-quarter length, standing or sitting figures, heads and busts, light or dark drapery, and can be used with interior or exterior accessories; has a battery at top and roller at bottom, and can be used with Gildersleeve Support. Dimensions, 5 x 8; price \$6.25; boxing, 75c. Send for Sample Prints, to be returned.

**GEO. HEYN,**  
of OMAHA, NEB.,

**SELLS** at the lowest Chicago prices a full line of Photo Supplies. We keep everything the Amateur needs. A full supply of Cramer's, St. Louis, St. Paul and the Iowa City Dry Plates always on hand. Try us and save both time and freight. Respectfully,

**GEO. HEYN,**  
313, 315 and 317 South 15th Street,  
OMAHA, NEB.

**BALTIMORE, MD.,**

Amateurs' Photographic Outfitters

OF EVERY DESCRIPTION.

**MAGIC LANTERNS**

AND VIEWS FOR SALE AND TO HIRE.

**J. A. DAILY,**

151 W. Fayette St.,

W. C. RUSSELL,

*Manager.*

BALTIMORE, MD.

69

**E. J. PULLMAN.**

MANUFACTURER AND DEALER IN

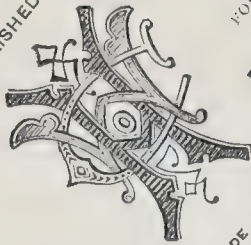
**PHOTOGRAPHIC MATERIAL,**

935 PA. AVE.,

WASHINGTON, D. C.

Printing and Copying for Amateurs and the Trade.

ESTABLISHED 1865.



SOLE  
U. S. AGENTS

FOR THE  
ROSS LENSES.

TRADE MARK.

**WILSON, HOOD & CO.,**

DEALERS IN

**Amateur Photo. Goods,**

No. 825 Arch Street,  
**PHILADELPHIA.**

Complete Price Lists Furnished  
BY  
MAIL.

# MORGAN'S BRILLIANT ALBUMEN PAPER

Is the Best for Hot or Cold Weather,  
FOR AMATEUR OR PROFESSIONAL  
PHOTOGRAPHERS.

IT is economical of Silver and Gold, tones easily and gives a clean bright picture with pure lights. It keeps remarkably well after Silvering, better we think than any other Albumen Paper in the market.

Those who have had trouble with other papers should give this a trial.

Lilac, Pearl, Pink and White.

Sample dozen sent on receipt of one dollar by

JOHN HAWORTH,

626 Arch Street,

PHILADELPHIA.

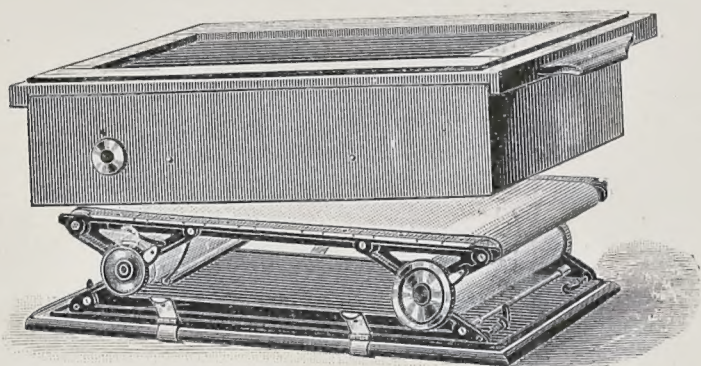
THOS. H. McCOLLIN,

635 Arch Street,

PHILADELPHIA.



THE ONLY COMPLETE SYSTEM  
— OF —  
FILM \* PHOTOGRAPHY.



Highest Award at the London Inventions Exhibition, 1885.

INDORSED BY ALL THE LEADING JOURNALS.

*London Times*, August 11, 1885.

*Anthony's Photographic Bulletin*, September 12, 1885,

*Philadelphia Photographer*, September, 1885.

*British Journal of Photography*, August 28, 1885.

*Photographic News*, August 28, 1885.

*London Amateur Photographer*, September 11, 1885.

Send for Illustrated Circulars to

EASTMAN DRY PLATE AND FILM CO.,  
ROCHESTER, N. Y.

# The **RIPLEY** plate.

Is the only perfect and, consequently, **really cheap** plate in the market.

They are **absolutely indispensable** alike to Professional and Amateur Photographers who desire to produce the **finest possible** pictures. For rapidity, brilliancy, gradation of tone, ease of development, and **superb quality** of glass cut to **exact size**, the "**RIPLEY**" Dry Plate is unapproached.

---

FOR SALE BY ALL PHOTO STOCK DEALERS

AND BY

E. & H. T. ANTHONY & CO., NEW YORK.

---

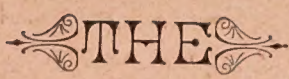
THE GEO. H. RIPLEY CO.,

FACTORY,  
30 TIFFANY PLACE,  
BROOKLYN, N. Y.

NEW YORK.



8125 10/84  
K m xx



# FAIRY CAMERA.

IT has long been our desire to place before the public a camera that would at once embrace these most necessary requirements—portability, compactness and strength, combined with beauty and accuracy of working.

Hitherto the nearest approach to this has been the "Novel" camera, which for a time seemed to be everything that could be desired. But urgent calls for something still better were frequently made, and we therefore devised the FAIRY CAMERA, by far the most attractive and elegant piece of apparatus of its kind ever offered. In presenting it we invite attention to the following advantages it possesses over all others.

*Strength.*—They are put together as rigidly as wood and metal will admit of, and are therefore perfectly rigid.

*Compactness.*—They occupy less space than any other view cameras of the same capacity, and the plate-holders actually require little more than one-half the room of the lightest of any others in use. The plate-holders are made of hard wood, with metal carriers for the plates, and fitted with all the later improvements.

*Portability.*—The small compass to which they may be reduced render them in this respect incomparably superior to any. They are packed in canvas-covered wooden cases—and each double plate-holder has its own compartment. The cover of the case telescopes over its body.

Several new features have been availed of in the construction of this camera, to wit : The bed may be instantly rendered rigid, *without the use of screws*, by means of a brace of hooks that hold the two sections of the bed with great firmness.

*Secondly.*—The rabbit commonly found on the plate-holder is dispensed with, and instead it is placed on the camera, thus saving the otherwise additional weight rendered necessary for twelve such rabbits when made on the plate-holders (two on each of the six usually carried), and the no inconsiderable item of three-quarters of an inch in bulk.

*Third.*—The Camera is focussed with a long, continuous metallic rack, cog wheel and pinion, the latter being held firmly in position by a binding screw.

The ground glass swings backward in its frame, like that in the regular Novel Camera, and is held tightly in position by metallic spring corners. When windy, this is a decided advantage.

The Fairy Camera is made in finely polished mahogany, the metal work being nickel-plated, thus making it the most elegant and perfect camera known.

At present they may be had in four sizes, as follows :

Including one Double Dry-plate Holder.				Including six Double Dry-plate Holders.			
4¼ x 6½, without stereo. attachments,	\$40 00	4¼ x 6½ without stereo. attachments,	\$52 00	4¼ x 6½, without stereo. attachments,	\$40 00	4¼ x 6½ without stereo. attachments,	\$52 00
5 x 8, " " "	42 00	5 x 8, " " "	42 00	5 x 8, " " "	42 00	5 x 8, " " "	42 00
5 x 8, with " " "	45 00	5 x 8, with " " "	45 00	5 x 8, with " " "	45 00	5 x 8, with " " "	45 00
6½ x 8½, " " "	50 00	6½ x 8½, " " "	50 00	6½ x 8½, " " "	50 00	6½ x 8½, " " "	50 00
8 x 10, " " "	50 00	8 x 10, " " "	50 00	8 x 10, " " "	50 00	8 x 10, " " "	50 00

## Fairy Plate-Holders only.

4¼ x 6½, each, . . . . .	\$3 00	6½ x 8½, each, . . . . .	\$5 00
5 x 8, " . . . . .	3 00	8 x 10 " . . . . .	6 00

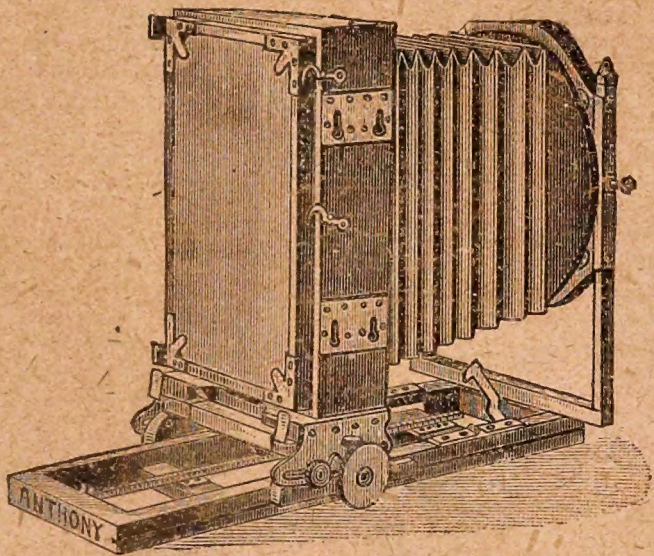
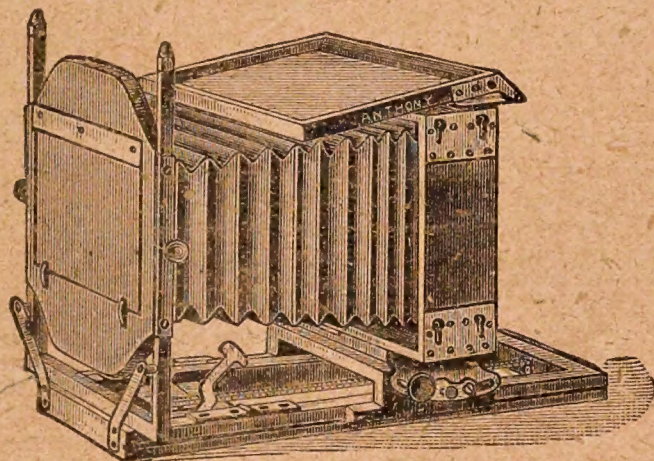
Naturally, those without stereoscopic attachments are still lighter and a trifle more compact than those with, and may be preferred by persons who desire to make single portraits or views only.





# FAIRY \* CAMERA,

THE FINEST \* THE



EVER \* MADE.

E. & H. T. ANTHONY and CO., MANUFACTURERS